Via Electronic Mail and UPS



March 31, 2017

David Turin U.S. Environmental Protection Agency 5 Post Office Square – Suite 100 Mail Code: OES04-3 Boston, MA 02109-3912

Re: Hull WPCF Capacity, Management, Operation and Maintenance ("CMOM") Program

Implementation Annual Report

Town of Hull, MA Administrative Order on Consent, Docket No. CWA-01-AO-16-09

Dear Mr. Turin:

As identified in the Administrative Order on Consent (AOC), Woodard & Curran, on behalf of the Town of Hull is hereby submitting the Hull Water Pollution Control Facility (WPCF) CMOM Program Implementation Annual Report for your review, comment and/or approval.

This report also serves as the fulfillment of the NPDES annual reporting requirements for the WPCF (NPDES Permit No. MA0101231). Woodard & Curran began operation and maintenance of the WPCF on April 1, 2015, and records are included from January 1, 2016 through December 31, 2016.

Sincerely,

WOODARD & CURRAN

tearly Cavalori

Frank J. Cavaleri Senior Principal

FJC/klr

Enclosures:

David Burns, MassDEP Southeast Regional Office CC:

Philip Lemnios, Town Manager, Town of Hull

John Struzziery, P.E., Director of Wastewater Operations, Town of Hull

Aram Varjabedian, Project Manager, W&C Kate Roosa, EIT, Plant Engineer, W&C

PN: 217319



CMOM ANNUAL REPORT

Calendar Year 2016

980 Washington Street | Suite 325 Dedham, Massachusetts 02026 800.446.5518

woodardcurran.com
commitment & integrity drive results

217319.00 **Town of Hull, MA** March 2017



TABLE OF CONTENTS

SE	CTION		PAGE NO.
EXE	CUTIVE SI	JMMARY	
1.	COMPLI	ETED PROJECTS	1-1
	1.1 1.2 1.3	AOC Deliverables CMOM Activities Unauthorized Discharges	1-1
2.	ANNUA	_ AVERAGE AND MAXIMUM MONTH I/I ESTIMATES	2-1
3.	PLANNE	ED CMOM AND I/I PROJECTS	3-2
		AOC and Asset Management Deliverables CMOM Activities 2.1 Cleaning and CCTV 2.2 Flow Assessment	3-2 3-2
		TABLES	
Tabl	le 1:	I/I Estimates	
		FIGURES	
Figu	re 1: re 2: re 3:	Map of Unauthorized Discharges in 2016 2016 Groundwater Monitoring Data, USGS 2017 Planned CCTV and Flow Assessment Scope	
		APPENDICES	
	endix A: endix B:	CMOM Self-Assessment Checklist Collection System Work Orders 1. 2016 Work Order Summary 2. 2016 Sample Work Orders	
	endix C: endix D:	Completed CMOM and I/I Projects Expenditures Unauthorized Discharge Summary	



EXECUTIVE SUMMARY

Woodard & Curran holds a professional services contract for the operation and maintenance of the Water Pollution Control Facilities (WPCF) for the Town of Hull. Woodard & Curran (Contract Operator) began operation of the Hull WPCF facility on April 1, 2015.

Woodard & Curran has prepared this Capacity Management Operation and Maintenance (CMOM) Annual Report to serve as a summary of maintenance and operation activities performed during 2016 to the Town of Hull's Wastewater System. The purpose is to document progress as required by the Administrative Order on Consent (AOC) and fulfill NPDES permit requirements for reporting I/I minimization.

This report includes the following AOC deliverables:

- 1. A detailed description of the actions taken during the previous calendar year to address any action items included in the CMOM Corrective Action Plan, including updates to the CMOM Program Manual.
- 2. A description of the actions that will be taken during the current calendar year to address any action items included in the CMOM Corrective Action Plan.
- 3. A summary listing of all unauthorized discharges that have occurred during the last calendar year, in accordance with the NPDES Permit Section D.1.
 - a. A report of any infiltration/inflow related corrective actions taken, as a result of unauthorized discharges reported pursuant to 314 CMR 3.19(20) and NPDES Permit Part 1, Section D.1.
- 4. A map or maps of the Town's Collection System showing the location of each unauthorized discharge included in the summary listing;

And the following NPDES permit deliverables:

- 5. A map and a description of inspection and maintenance activities conducted and corrective actions taken during the previous year.
- 6. Expenditures for any infiltration/inflow related maintenance activities and corrective actions taken during the previous year.
- 7. A map with areas identified for I/I-related investigation/action in the coming year.
- 8. An estimate of the annual average I/I and the maximum month I/I for the reporting year.



1. COMPLETED PROJECTS

1.1 AOC Deliverables

The following AOC deliverables were completed:

- Unauthorized Discharge Summary July 31, 2016
- Emergency Response Plan August 31, 2016
- I/I Summary Plan August 31, 2016
- CMOM Self-Assessment October 31, 2016

A copy of the CMOM Self Assessment is included in Appendix A, to provide details about on-going CMOM improvement work during 2016 and 2017.

1.2 CMOM Activities

During 2016, both the Town Sewer Department and Contract Operator performed corrective and preventative maintenance of the collection system, including:

- Grinder pump customer service and corrective action
- Abatement of Unauthorized Discharges
- DigSafe utility marking
- Manhole and pipe inspections
- Repair of the Pump Station 3 forcemain discharge
- Cleaning, CCTV and manhole repair work on Atlantic Avenue (near Pump Station #1)
- Implemented Hydrogen Sulfide (H2S) and Fats, Oils and Grease (FOG) reduction programs:
 - In-pipe bacteria addition of 20 locations; to grow non-sulfide generating bacteria to breakdown FOG within the Pump Station wet-wells and gravity system.
 - Installation of wet-well aerators to all Pump Stations, to break up FOG and reduce build-up between cleanings.
 - Introduction of Ferrous Chloride to Interceptor at Pump Station #6 during Summer months to control downstream H2S.

A summary of the 2016 completed SEMS Work Orders and sample DoForms reports are attached in Appendix B. This is a summary of the completed work orders for the collection system, including the pump stations, and summarized by Asset Name. Improvements were made over the course of the year to track work orders at the asset level by streamlining the unique system (e.g. asset ID numbers). The 2016 total expenditures for CMOM and I/I are summarized in Appendix C.

Contract Operator continued to utilize sewer system GIS, adding assets and documenting locations to verify and update the GIS database. To assist with this work, a GPS X-4 Unit was purchased for the facility and is being used to update



the asset locations in the GIS system. DoForms, SEMS and GIS tools are being utilized for asset management, and upcoming plans to improve reporting is outlined in Section 3 as a part of upcoming AOC deliverables.

1.3 Unauthorized Discharges

There were nine unauthorized discharge events documented in 2016 (locations shown in Figure 1 below). There were two unauthorized discharges at the WPCF, one unauthorized discharge at Pump Station #3, and three sanitary sewer overflows (SSO's). An additional three SSO's were reported by WPCF staff, but during inspection, found to be privately owned. These SSO's were delegated to the Town of Hull Board of Health to complete follow-up inspections. Brief descriptions as well as current status of each unauthorized discharge are listed in chronological order below, and the full Unauthorized Discharge Summary Table can be found in Appendix D.

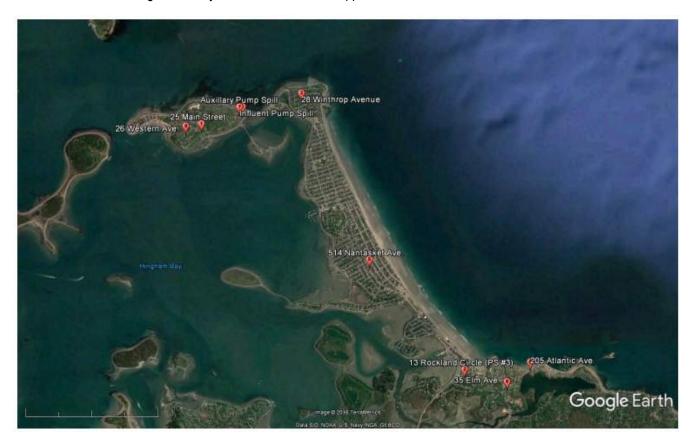


Figure 1: Map of Unauthorized Discharges in 2016

25 Main Street

Status: Abated: Board of Health

On February 15, a resident contacted W&C to report a home back-up. Upon inspection, the street line was running appropriately and no further action was taken. On February 17, a second call by the homeowner was placed for another back-up. The main sewer line was running normally, and it was found that the service lateral was leaking. On February 19, W&C was notified of the cause of the overflow. There was a service cleanout whose cap had been removed causing spillage into the yard. Based on the wet ground evidence surrounding the cleanout port, about 5 – 10 gallons was spilled no further than 10-15 feet downhill of the cleanout. A local contractor was contacted to clean the lateral and repair the missing cleanout cap. This event was not related to the POTW.



Pump Station #3 (13 Rockland Circle)

Status: Closed; Awaiting Valve Replacement

On March 15, during forcemain isolation valve exercise, the valve broke in the open position. Approximately two gallons of wastewater was released on the ground surface and eight gallons were released in the valve box. The area where the spills occurred were disinfected with lime. The subcontractor stopped the leak by closing the valve actuator, but the valve remains broken and has been added to the Corrective Action Plan scope of work.

28 Winthrop Avenue

Status: Abated

On March 29, a local plumber reported a back-up while attempting to snake-out service connection at this home. There was approximately 25 – 50 gallons of wastewater released into the home. After WPCF staff responded, the manholes in the street were inspected and debris/grease was found in MH20169. Staff drained the manhole, and Rosano Davis Septic Pumping (RD) cleaned it. Basement was cleaned by same company; no other follow up service was scheduled.

WPCF (1111 Nantasket Avenue)

Status: Abated.

On April 14, auxiliary pump piping was being removed and the 12" drain line had not been emptied into a process tank. Therefore, approximately 50 – 75 gallons of sewage overflowed onto the grassy area which was treated with lime. The auxiliary pump SOP was updated to include proper draining of suction and discharge lines, and the pump has since been removed from service.

514 Nantasket Avenue

Status: Closed: Board of Health

On May 14, WPCF staff were notified of a potential spill on the driveway between 510-520 Nantasket Ave. Upon further investigation, it was determined that the blockage was occurring on private property, as the main line was running at normal levels. Later it was confirmed by the Board of Health that sewage backed from a basement grease interceptor, and sump pump in basement pumped out liquid to the outside driveway area. Some of this water made it to nearby MS4 catch basin, which may have drained to the Atlantic Ocean, but exact quantity and exact cleanup methodology is unknown. This event was not related to the POTW.

35 Elm Avenue

Status: Abated; Board of Health

On June 7, staff responded to a sewer back-up in a home. Upon further inspection, the privately-owned grinder pump malfunctioned and caused overflow into basement. The Board of Health was contacted, and RD responded on June 7 to pump out the home and returned on June 8 to repair the grinder pump. This event was not related to the POTW.

WPCF (1111 Nantasket Avenue)

Status: Abated

On July 26, while exercising the influent pumps, the wet-well reached high level and triggered multiple pumps to turn on, and the primary distribution box was surcharged immediately. Once the spill was realized, the gates were shut immediately and lime was applied to the ground where the flow had spilled onto the ground. The Pump Exercise SOP was modified accordingly, and no more than 10 gallons were spilled.



205 Atlantic Avenue

Status: Abated

On December 19, Hull Assistant Building Inspector, Bart Kelley, notified Hull WPCF of overflowing sewer manhole near 205 Atlantic Avenue. Upon arrival, the crew contacted RD septic company to pump the surcharged sewer line. The road surface was vacuumed and adjacent areas were cleaned and lime was applied. After the line was drained, and peak flow subsided, the main sewer line was jetted and five manholes were inspected.

26 Western Avenue

Status: Abated

On December 30, Hull WPCF staff responded to a sewer back-up at 26 Western Avenue. Upon arrival, it was determined that sewage was backing up into a detached garage. After further investigation, the upstream manhole was found to be surcharged and the downstream manhole was found to be flowing freely. On January 5, 2017, HUB Construction and RD returned to unplug blockage in sewer pipe, and install cleanout port for improved maintenance outlet.



2. ANNUAL AVERAGE AND MAXIMUM MONTH I/I ESTIMATES

As noted during the AOC Update meeting on February 14, 2017, the 2015 I/I Control Plan showed inconsistent I/I calculations compared to previous years' reports. After further review, it was determined that 2015 flows were misrepresented, and they are included with 2016 I/I estimates in Table 1 below.

	Average Annual (MGD)	Maximum Month (MGD)	Average Daily Flow (MGD)	Annual Rainfall (inches)
2002 – 2012*	0.3 – 0.5	0.5 – 0.83	1.55 – 1.9	-
2015	0.51	1.65	1.57	26"
2016	0.46	1.05	1.45	29"

Table 1: I/I Estimates

Daily WPCF Effluent Flow and Precipitation data was exported from the WPCF's Hach® WIMS™ data management system. I/I estimates were calculated by reviewing the Highest and lowest 7-day moving averages in comparison to the Base Sanitary Flow (BSF) during the same timeframe. While rainfall increased during this calendar year, the I/I values were expected to be lower due to a decrease in groundwater levels. Massachusetts has been in a sustained drought, and July through December 2016 experienced a State-issued Drought Emergency. Figure 2 below shows the decrease in groundwater level for Southeastern Massachusetts in 2016.

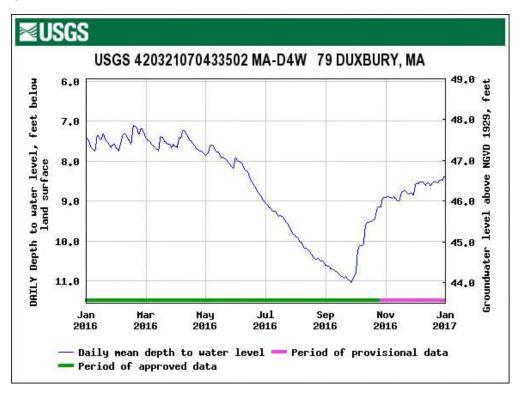


Figure 2: 2016 Groundwater Monitoring Data, USGS

^{*}Historical reports used as reference for 2015 -2016 I/I Calculations



3. PLANNED CMOM AND I/I PROJECTS

3.1 AOC and Asset Management Deliverables

In keeping with the MassDEP Asset Management Grant program deadline, and the December 21, 2016-dated revision to the AOC reporting deadlines, the following deliverables will be completed in 2017:

- Asset Management Grant (Mass DEP) May 31, 2017
- CMOM Program Manual June 30, 2017
- CMOM Corrective Action Plan (including WPCF Rehabilitation Schedule) July 31, 2017

3.2 CMOM Activities

As a part of collection system operations, manhole inspections will be performed on a regular basis during homeowner backup calls, and in coordination with sewer cleaning/CCTV efforts. The DoForms reporting platform has been recently updated to NASSCO MACP Level 1 Inspection protocol, complete with photo attachment capabilities. This information will be included in GIS for streamlined asset inspection information. As stated in the 2015 I/I Control Plan, the following improvements to the infiltration and inflow reporting system will be continued this year:

- Utilization of insertion flow meters
- Addition of local tidal and groundwater data to Hach® WIMS™
- Feasibility of incorporating salinity meters in the collection system
- Continued support of Hydrogen Sulfide (H2S) and Fats, Oils and Grease (FOG) reduction programs:
 - o In-pipe bacteria addition of 20 locations; to grow non-sulfide generating bacteria to breakdown FOG within the Pump Station wet-wells and gravity system.
 - Installation of wet-well aerators to all Pump Stations, to break up FOG and reduce build-up between cleanings.
 - Introduction of Ferrous Chloride to Interceptor at Pump Station #6 during Summer months to control downstream H2S.

3.2.1 Cleaning and CCTV

This spring, immediate cleaning and CCTV inspections will be performed in the following areas:

- Nantasket Avenue from A St to XYZ Streets (MH 20424 to MH 20221).
- Fitzpatrick Way from XYZ Streets to bridge crossing.
- Fitzpatrick Way (at Pt Allerton Ave.) to Spring Street and Nantasket Avenue.

After completion of the CCTV inspection, engineering review will provide an updated condition assessment of the Interceptor and prioritize the need for pipeline renewal projects. See Figure 3 for the map of Cleaning and CCTV areas, as well as the targeted flow assessment areas of Pemberton and Atlantic Avenue.



3.2.2 Flow Assessment

Several insertion flow meters will be utilized to provide subsystem flow data for the Gunrock (Pump Station #1 subsystem) and Pemberton (Pump Station #9 subsystem) areas. Flow assessment data, CCTV, and manhole inspection data will help identify, prioritize, and correct sources of potential I/I to the collection system.



Figure 3: 2017 Planned CCTV and Flow Assessment Scope



APPENDIX A: CMOM SELF-ASSESSMENT CHECKLIST

Attachment United States Environmental Protection Agency, EPA New England

Wastewater Collection S	System CMOM Program Self-Assessm	ent Checkli	st Oct 2010
Name of your system	Hull Water Pollution Control Facility	DateO	ctober 31, 2016

Put an "A" in the final column for an issue you intend to address with future action, or leave blank if you have evaluated your program as sufficient.

I. General Information - Collection System Description

I	Question	Respon	ise					*Act
1	How many people are served by your						own of Hull	
	wastewater collection system?	has 10,2	293 people	served and	l in Hingh	am and C	Cohasset,	
		approxi	mately 93	6 people are	e served. F	Peddocks	Island, part	
		of the E	Boston Har	bor Islands	State Parl	k, also dis	scharges	
		small fl	ow to the	Hull Sewer	System (<	<100 user	s).	
		Combin	ned there is	s a total ser	vice popul	ation of a	about	
		11,330.						
2	What is the number of service	Hull ha	s 4,809 sei	vice conne	ctions (inc	luding 4,	497 from	
	connections to your collection system?			n Hingham				
	How many:			040 manhol				
	Manholes? Pump stations?		•				m 4" to 36").	
	Feet (or miles) of sewer? Force mains?			of low pre				
	Siphons?			l grinder pu				
				dent owned				
				ranging in s				
				ength of for				
							ch station).	
				on consisti				
				constructed	•			
			_	48" draina	_	•		
		intercer			8			
		· ·						
		Name	Location	Generator	Design Capacity (gpm)	Approx . Age (years)	Forcemain Size/Lengt h	
		L.S. A	Valley Beach Rd.	No*	200	20	4"/840 ft.	
		P.S. 1	Atlantic Ave.	Yes	450	35	8"/2,050 ft.	
		P.S. 3	George Washingt on Blvd.	Yes	1700	35	14"/4,625 ft.	
		P.S. 4	Marginal Rd.	Yes	800	35	8"/1,000 ft.	
		P.S. 5	Draper Ave.	Yes	1600	35	14"/530 ft.	
		P.S. 6	L St. Playgrou nd	Yes	670	22	6"/60 ft.	
		P.S. 9	Main St. High School	Yes	650	35	10"/5,030 ft.	
		*Transfe	er Switch, po	rtable generat	or connection	n and portal	ble generator	

^{*} Put an "A" in the final column if this is an issue you intend to address with future action.

4	What is the age of your system (e.g., 30% over 30 years, 20% over 50 years, etc.)? What type(s) of collection system map is/are available and what percent of the system is mapped by each method (e.g., paper only, paper scanned into electronic, digitized, interactive GIS, etc.)? When was the map(s) last updated?	Significant portions of the collection system date back to the turn of the century. The system is a "separate" sanitary sewerage system, but some sewers are documented back to the 1860's. Over 50% of the collection system has been constructed since 1977, making the average age of the collection system over 40+ years old. A digitized interactive sewer system GIS database and map was created by scanning and digitizing paper plans covering about 85 to 90% of the town's sewers, forcemains and pump stations. The GIS map/database was mostly based on the 1986 CDM sewer system map/plan. GIS mapping and attribute data is being updated and supplemented on an annual basis during the Town's annual system pipeline and manhole inspections using a GPS unit and smartphone/tablets. The base GIS map has yet to incorporate the recent data gathered in 2015 and 2016, but it is expected that through the Town's annual updates, it will develop a complete, accurate sewer system GIS database and map.	A
5	If you have a systematic numbering and identification method/system established to identify sewer system manhole, sewer lines, and other items (pump stations, etc.), please describe.	Yes. According to the Kleinfelder GIS mapping system, manholes, sewer lines, forcemain and pump stations are identified. The GIS map is online and available in the field; field data is gathered with the goal of updating the GIS map on an ongoing basis.	A
6	Are "as-built" plans (record drawings) or maps available and used by field crews in the office and in the field?	Hull has "tie-in cards" for approximately 3,240 of the 4497 Hull connections. For gravity sewer lines, forcemains and pump stations, there are GIS locations, available through an online GIS web mapping profile created by Kleinfelder. There are paper drawings for many sewer projects available at the wastewater facility, and these are utilized or referenced by field crews on as needed basis.	A
7	Describe the type of asset management (AM) system you use (e.g. card catalog, spreadsheets, AM software program, etc.)	The current asset management system utilizes several technology tools; including DoForms, SEMS Technologies CMMS, and the GIS system combined with Excel spreadsheets (inventories, calculations).	A

II. Continuing Sewer Assessment Plan

II	Question	Response	*Act
1	Under what conditions, if any, does the collection system overflow? Does it overflow during wet and/or dry weather? Has your system had problems with: hydraulic issues, debris, roots, Fats, Oils & Grease (FOG), vandalism blockages resulting in manhole overflows, basement backups, other (specify)? Describe your system's history of structural collapses, and PS or force main failures.	Collection system overflows occur mostly during wet weather events, and the system does not typically experience overflows during dry weather. The collection system has had some problems with structural sewer line and manhole failures, as well as forcemain failures, in addition to backups caused by debris, FOG, and basement backups. However, the hydraulic limitations in the collection system and the WWTP are a concern only during extreme flow events or infrastructure failures. Pump Station losses - there have been no pump station losses that have caused sewer overflows in the past couple of years, except for the forcemain issues discussed below.	

^{*} Put an "A" in the final column if this is an issue you intend to address with future action.

		Structural collapses – some corrosion/deterioration of sewers and manholes have occurred in the past causing structural defects that needed to be repaired. Forcemain failures – The forcemain for PS 9 corroded and was replaced in 2011 with a new HDPE Forcemain. The forcemain for PS 4 had a break and required repair in	
		early 2014. This forcemain has failed multiple times over the years. 15 feet of the end of the forcemain for PS 3 was lined in the summer of 2016 due to corrosion issues. The manhole and reinforced concrete pipe ("main interceptor") where the forcemain for PS 3 discharges, collapsed in 2002/2003 and required an emergency repair.	
2	How many SSOs have occurred in each of the last three calendar years? What is the most frequent cause?	During the last three years, there have been 29 SSOs (15 in 2013, 5 in 2014 and 9 in 2015). The most frequent cause is mechanical failure, blockages and secondary sludge spills.	
3	Of those SSOs, how many basement backups occurred in each of the last three calendar years? How are they documented?	During the last three years (2013, 2014 and 2015), there has been one documented basement backup. It was documented as an SSO, according to plant records, which are typically documented through daily reports and annual monthly reports.	
4	What is the ratio of peak wet-weather flow to average dry-weather flow at the wastewater treatment plant (or municipal boundary for satellite collection systems)?	The ratio of peak wet weather flow to average dry weather flow is approximately 4.5. For rare, extreme events, ratios as high as 8 (or more) have been observed. The average flow at the plant is 1.7 MGD.	
5	What short-term measures have been implemented or plan to be implemented to mitigate the overflows? If actions are planned, when will they be implemented?	Short term measures that have been implemented include improving the sludge transfer process, prioritizing repairs based on work order comment conditions to reduce mechanical failures, SSO logging improvements, utilization of backup bypass pump systems, and improved photo/follow-up work order documentation through use of tablets and SEMS system.	A
6	What long-term measures have been implemented or plan to be implemented to mitigate the overflows? If actions are planned, when will they be implemented?	Long term measures that are in planning include utilizing portable backup pumps as well as permanent backup pumps and improving the general O&M and asset management procedures for the collection system. Long term measures will be discussed further in the CMOM Corrective Action Plan.	A
7	Describe your preventive maintenance program; how do you track it (e.g., card files, electronically, with specific software)?	The preventative maintenance software program SEMS incorporates work orders generated by plant staff from identification of a task, through work progress to completion and reminders. Preventative maintenance work orders are scheduled on a regular basis, and can be assigned to specific operators for completion. Then, the records can by linked to monthly and annual reports.	
8	How do you prioritize investigations, repairs and rehabilitation? What critical and priority problem areas are addressed more frequently than the remainder of	The Town inspected and assessed its Reinforced Concrete Pipe (RCP) sewer " <i>main interceptor</i> " pipeline and manholes in 2004 and 2009. From these assessments, Kleinfelder engineers recommended renewal of	A

^{*} Put an "A" in the final column if this is an issue you intend to address with future action.

	your system? How frequently are these areas evaluated?	approximately 12,300 liner feet of interceptor pipeline based on interceptor segments with PACP structural ratings equal to or greater than 4. The poor structural condition was a result of hydrogen sulfide induced corrosion to the internal pipe wall. The recommended renewal project was executed through two construction contracts in 2005 and 2010 with an associated cost of \$2.13 Million (in 2005/2010 dollars). The reported cost included construction and engineering, but not the cost of performing the assessments. The two contracts consisted of cured-in place pipelining (CIPP) of approximately 55% of the sewer interceptor, which ranged between 14 and 36 inches in diameter; as well as renewal of 15% of the interceptor manholes. There have been preliminary evaluations since Woodard & Curran has taken over the Operations and Maintenance of the WWTF in May of 2015, such as evaluating major assets and risk assessment of major forcemain sections. However, a formal strategy and plan of assessment needs to be addressed. The current operations contract with W&C provides some guidance and quotas for performing routine inspection and cleaning of the collection system, including recommended annual quotas for sewer CCTV, sewer cleaning, manhole inspections, grinder pump replacement and wet well cleaning. These inspection and cleaning quotas will be reevaluated and reprioritized as part of the CMOM Corrective Action Plan.	
9	Are septage haulers required to declare the origin of their "load"? Are records of these declarations maintained? Do any of the declarations provide evidence of SSOs?	No septage is accepted at this time. Landfill leachate from a Cohasset construction material landfill, that was historically trucked to the site for treatment, ceased prior to May of 2015.	

III.A. Collection System Management Organizational Structure

IIIA	Question	Response	*Act
1	Do you have an organizational chart that shows the overall personnel structure for collection system operations, including operation and maintenance staff? Please attach your chart.	Yes. Woodard & Curran has an organizational chart (attached) which outlines the Town and Contract Operator staffing plan and the relationship between the organizations.	
2	For which jobs do you have up-to-date job descriptions that delineate responsibilities and authority for each position?	All of the Woodard & Curran positions have updated job descriptions and authority requirements.	
3	How many staff members are dedicated to collection system maintenance? Of those, how many are responsible for any other duties,	The Contract Operator has a staff of 6 full time, plus technical support staff, to oversee the wastewater system, both collections and treatment facility operation and maintenance. There are 2 summer interns and other part-	

^{*} Put an "A" in the final column if this is an issue you intend to address with future action.

	(e.g., road repair or maintenance, O&M of the storm water collection system)? If so, describe other duties.	time support staff as well. The W&C staff also oversee the operation of the D Street storm water pump station.	
4	Are there any collection system maintenance position vacancies? How long has the position(s) been vacant?	There are no vacancies at this time.	
5	For which, if any, maintenance activities do you use an outside contractor?	Outside contractors are used for: - Sewer Jetting - Sewer Cleaning - CCTV - Repairs - Wet Well cleaning	
6	Describe any group purchase contracts you participate in.	The Contract Operator participates in several group purchase contracts, such as USA Bluebook, Wind River and Waterline Industries.	

III.B. Collection System Management: Training

IIIB	II.B. Collection System Management: Question		*Act
		Response	"ACT
1	What types of training are provided to staff?	Safety and technical training are provided to staff regularly in accordance with Contract Operation requirements and MA DEP Operator Certification requirements. Both inhouse specialty training and external resources are utilized.	
2	Is training provided in the following areas: general safety, routine line maintenance, confined space entry, MSDS, lockout/tagout, biologic hazards, traffic control, record keeping, electrical and instrumentation, pipe repair, public relations, SSO/emergency response, pump station operations and maintenance, trench/shoring, other (describe)?	Yes. On a monthly basis, staff are required to participate in a safety meeting PureSafety training. Safety training topics include: - Hazard Communication (safety data sheets) - Biologic Hazards - Defensive Driving - Lockout/tagout - Fall Protection - Ergonomics Annual (or as needed) in-plant training is provided for the following items: - General Safety - Pump Station Operations and Maintenance - SSO/Emergency Response/EAP - Routine line maintenance - Confined space entry - Electrical and instrumentation	
3	Which training requirements are mandatory for key employees?	All monthly training items listed above are mandatory for key employees. Additional programs such as forklift training or Qualified Electrical Workers are required for employees who utilize those pieces of equipment.	
4	How many collection system employees are certified (e.g, NEWEA certification program) and at what grade are they certified?	The Contract Operator Project Manager has a NEWEA Grade 3 Collections System certification. All O&M Staff have the appropriate Mass DEP Wastewater Certifications, and some of the staff have National Association of Sewer System Cleaning Operators (NASSCO) Pipeline Assessment and Certification Program (PACP) certification. One current on-site staff, one technical support staff and the Town of Hull DPW Director are NASSCO/PACP certified.	

^{*} Put an "A" in the final column if this is an issue you intend to address with future action.

	Collections system subcontractors who preform inspections are NASSCO/PACP certified.	

III.C. Collection System Management: Communication and Customer Service

IIIC	Question	Response	*Act
1	Describe your public education/outreach programs (e.g., for user rates, FOG, extraneous flow, SSOs etc.)	The Sewer Department mails "Down the Drain" newsletters biannually to rate payers with information ranging from introduction to plant activities to emergency management of grinder pumps. The Town also utilizes a webpage for Sewer Department information. We also provide facility tours, when requested, for school children, interns, etc.	
2	What are the most common collection system complaints? How many complaints have you received in each of the past three calendar years?	The most common complaints include sewer blockage/backup issues and odor complaints.	
3	Are formal procedures in place to evaluate and respond to complaints?	Hull Sewer Department Office receives calls for sewer related complaints and passes them on to the Contract Operator to respond, per Contract Requirements.	
4	How are complaint records maintained (i.e., computerized)? How are complaints tied to emergency response and operations and maintenance programs?	Complaint records are maintained through work orders generated in SEMS. When a call is received from the Sewer Department, the WWTF is asked to respond or address the complaint as determined by the Sewer Dept. office.	A

III.D. Collection System Management: Management Information Systems

IIID	Question	Response	*Act
1	How do you manage collection system information? (Commercial software package, spreadsheets, data bases, SCADA, etc). What information and functions are managed electronically?	Collection system information is managed by several database systems including SCADA, CMMS (SEMS Technologies coupled with DoForms) and Hach WIMS. SCADA provides real time information associated with the pump stations and stores the data for basic trending. Hach WIMS and the CMMS are used to manage the daily inspection data and maintenance activities for the entire wastewater system.	A
2	What procedures are used to track and plan collection system maintenance activities?	The CMMS system (SEMS Technologies and DoForms) is used to manage and document scheduled, non-scheduled and other maintenance activities (Corrective, Emergency Repair etc.).	
3	Who is responsible for establishing maintenance priorities? What records are maintained for each piece of mechanical equipment within the collection system?	The W&C Operations contract sets basic inspection and cleaning quotas for the collection system. These quotas were developed over 10 years ago and will be updated during the CMOM Corrective Action Plan. For pump stations, there is a wet well cleaning and inspection schedule set by the Contract Operator, which is fulfilled, logged and reported through the SEMS Work Order System. Grinder Pump inspections or maintenance history is maintained by the Town Sewer Department and the Contract Operator. If there are potential issues with the grinder pumps, the Sewer Department receives the call and	A

^{*} Put an "A" in the final column if this is an issue you intend to address with future action.

		processes a Work Order request through the Contract Operator.	
4	What is the backlog for various types of work orders?	As of October 22, 2016, there are currently 319 backlogged work orders. 25% Collection System 75% Wastewater Treatment Plant	
5	How do you track emergencies and your response to emergencies? How do you link emergency responses to your maintenance activities?	Emergencies are typically processed as an emergency or high priority work order, classified by type. For example, if a blockage is reported at an address, then the inspection of the sewer line and manholes upstream and downstream are documented using a high-priority Manhole Inspection form and any subsequent high-priority work orders. There are separate emergency documentation procedures for SSO's, Grinder Pumps and Safety items. Follow up repairs and inspections are scheduled using Work Order reference number in SEMS database. All forms are completed electronically.	
6	What written policies/protocols do you have for managing and tracking the following information: complaint work orders, scheduled work orders, customer service, scheduled preventative maintenance, scheduled inspections, sewer system inventory, safety incidents, emergency responses, scheduled monitoring/sampling, compliance/overflow tracking, equipment/tools tracking, parts inventory?	The WWTF electronically tracks the following items using DoForms and SEMS: - Complaints - Scheduled Service - Customer Service - Scheduled Preventative Maintenance - Scheduled Inspections - Safety Incidents - Emergency Response - Compliance/Overflow Tracking The Contract Operator is in the process of updating the WWTF O&M Manual which will include an updated equipment and parts inventory tracking procedure.	A

III.E. Collection System Management: SSO Notification Program

IIIE	Question	Response	*Act
1	What are your procedures, including time frames, for notifying state agencies, health agencies, regulatory authorities, and the drinking water authorities of overflow events?	See response to item 2 below.	
2	Do you use the state standard form for recording/reporting overflow events? If not, provide a sample copy of the form that is used.	We use the MA DEP standard form for recording/reporting overflow events. Please refer to the ERP dated 8/26/2016 for specifics.	

III.F. Collection System Management: Legal Authority

IIIF Question Response	*Act
Are discharges to the sewer regulated by a sewer use ordinance (SUO)? Does the SUO contain procedures for controlling and enforcing the following: TOG Are discharges to the sewer regulated by a sewer use ordinance (SUO)? Does adopted the Sewer Use Ordinance in its currence to 10/26/1987. The SUO includes procedures for FOG - Building Structures over Sewer Line	ommission A ent form for controlling:

^{*} Put an "A" in the final column if this is an issue you intend to address with future action.

2	□ Infiltration/ Inflow (I/I); □ building structures over the sewer lines; □ storm water connections to sanitary lines; □ defects in service laterals located on private property; □ sump pumps? Who is responsible for enforcing various aspects of the SUO? Does this party communicate with your	 Stormwater Connections Service Lateral Defects Sump Pumps Grinder Pumps Illegal Connections Enforcement of the SUO falls onto the Town of Hull, Chief Facility Manager (or designee) who communicates with the Contract Operator on a regular basis.	
3	department on a regular basis? Summarize any SUO enforcement	Currently inspections to identify sump pumps is covered by	A
	actions/activities that have occurred in the last three calendar years.	the Town bylaw that when a property is transferring ownership, that an inspection is done. Approximately 150 sump pump inspections are performed per year. We have only found a handful of ones that needed to be corrected – approximately 7 or 8.	
4	Do you have a program to control FOG entering the collection system? If so, which of the following does it include: □ permits, □ inspection □ enforcement? Are commercial grease traps inspected regularly and who is responsible for conducting inspections?	There is a policy in place about installing grease traps. There is currently not an inspection program.	A
5	Is there an ordinance dealing with storm water connections or requirements to remove storm water connections?	§149-17 of Hull SUO prohibits stormwater and all other unpolluted drainage from being discharged to sanitary sewers.	
6	Does the collection system receive flow from satellite communities? Which communities? How are flows from these satellite communities regulated? Are satellite flow capacity issues periodically reviewed?	Yes, there is an Inter-Municipal Agreement (IMA) with Cohasset and Hingham for customer tie in to existing services. For the IMAs, bills are based on water meter readings as provided from the Towns – the flows could be compared to the units billed.	
7	Does the collection system receive flow from private collection systems? If yes, how is flow from these private sources regulated? How are overflows dealt with? Provide details, including contact information for these private systems.	The collection system receives flows from private grinder pumps. For any problems brought to the attention of the Sewer Dept. related to these privately owned grinder pumps, the owners are directed to contact the local vendor, FR Mahoney.	

IV.A. Collection System Operation: Financing

IV A	Question	Response	*Act
1	Has an enterprise (or other) fund	A sewer enterprise fund has been established and it includes	A
	been established and what does it	wastewater collection and treatment operations – collection	
	include: wastewater collection and	system maintenance and debt payment for infrastructure	
	treatment operations; collection	improvements. A\$140K capital budget is included the	
	system maintenance; long-term	contracted operations and the Sewer Department budget	
	infrastructure improvements; etc.?	includes an additional \$200K. The Enterprise fund includes	

^{*} Put an "A" in the final column if this is an issue you intend to address with future action.

	Are the funds sufficient to properly fund future system needs?	costs of administration and of items such as insurance and payments to the general fund for health insurance, pension, support for accounting, legal, treasurer/collector etc. There is a WWTF Capital Assessment underway, which will include collection system needs, to be presented to the Permanent Sewer Commission for attention.	
2	How are rates calculated (have you done a rate analysis)? What is the current sewer charge rate? When was it last increased? How much was the increase?	Rates are calculated by taking the total budgeted costs divided by the total number of 100 cubic foot units billed. Hull rates are then offset by rehabilitation fees, permits, and free cash balances. The current rate is \$11.34 and the Hull subsidized rate is \$9.42. This rate went into effect on billing starting 1/1/15-12/31/15 and received during fiscal year 2016. The percent increase was 42%. This increase was necessary as the debt to repair the plant from the failure came on line and the new 10-year contract with the plant operator resulted in increased costs.	
3	What is your O&M budget?	The O&M budget is \$3,026,000, not including debt service.	
4	If an enterprise fund has not been established, how are collection system maintenance operations funded?	N/A	
5	Does a Capital Improvement Plan (CIP) that provides for system repair/replacement on a prioritized basis exist? What is the collection system's average annual CIP budget?	We are currently doing an assessment of the plant and the collection system needs to develop a prioritized CIP. Implementation will be part of the CMOM Corrective Action Plan.	A
		Overall budget spent from 2005 to 2015 was an average of	

IV.B. Collection System Operation: Hydrogen Sulfide Monitoring and Control

6

How do you account for the value of

your system infrastructure for the

Board standard 34 (GASB 34)?

Government Accounting Standards

IV B	Question	Response	*Act
1	Are odors a frequent source of complaints? How many have been received in the last calendar year?	Odors are a frequent source of complaint as there are several immediate neighbors surrounding the WWTF. 33 complaints occurred during the last calendar year, with more than half occurring between May and August.	
2	Do you have a hydrogen sulfide problem, and if so, do you have corrosion control programs? What are the major elements of the program?	Hull has extreme hydrogen sulfide problems and related corrosion. This past summer we used (seasonal) ferric chloride addition in the collection system, installed wet well aerators and we are adding IN-PIPE bacteria to 20 locations within the collection system to reduce FOG and sulfides.	A
3	Does your system contain air relief valves at the high points of the force main system? How often are they	The collection system does not contain air relief valves at forcemain highpoints on any of the 7 main pump stations.	A

\$386,000 per year for collection system work.

line Depreciation is applied to the assets.

GASB 34 – annually major assets purchased during the

fiscal year are provided to the accounting office. Straight

^{*} Put an "A" in the final column if this is an issue you intend to address with future action.

inspected? How often are they exercised?	The grinder pump pressure lines need to be evaluated and inspected to determine the existence and condition of any air/vac relief valves.	

IV.C. Collection System Operation: Safety

IV C	Question	Response	*Act
1	Do you have a formal Safety Training	Yes. The Contract Operator has a formal safety program	
	Program? How do you maintain safety training records?	which outlines training, awareness and protection equipment	
	safety training fecords?	for all staff and contractors. Safety records are maintained	
		through specific location logs	
2	Which of the following equipment	□ rubber/disposable gloves; - YES	
	items are available and in adequate	□ confined space ventilation equipment; - YES	
	supply:	□ hard hats, - YES	
	□ rubber/disposable gloves;	□ safety glasses, - YES	
	□ confined space ventilation	□ rubber boots; - YES	
	equipment; □ hard hats,	□ antibacterial soap and first aid kit; - YES	
	□ nard nats, □ safety glasses,	□ tripods or non-entry rescue equipment; - YES	
	□ rubber boots;	□ fire extinguishers; - YES	
	□ antibacterial soap and first aid kit;	□ equipment to enter manholes; - YES	
	□ tripods or non-entry rescue	□ portable crane/hoist; - YES	
	equipment;	atmospheric testing equipment and gas detectors; - YES	
	☐ fire extinguishers;	□ oxygen sensors; - YES	
	□ equipment to enter manholes; □	□ H2S monitors; - YES	
	portable crane/hoist;	□ full body harness; - YES	
	□ atmospheric testing equipment and	□ protective clothing; - YES	
	gas detectors;	□ traffic/public access control equipment; - YES	
	□ oxygen sensors;	□ 5-minute escape breathing devices; - N/A	
	☐ H2S monitors; ☐ full body harness;	□ life preservers for lagoons; - N/A	
	□ protective clothing; □ traffic/public access control	□ safety buoy at activated sludge plants; - YES	
	equipment;	□ fiberglass or wooden ladders for electrical work; - YES	
	□ 5-minute escape breathing devices;	□ respirators and/or self-contained breathing apparatus; -	
	☐ life preservers for lagoons;	N/A	
	□ safety buoy at activated sludge	□ methane gas or OVA analyzer; - YES	
	plants;	□ LEL metering -YES	
	☐ fiberglass or wooden ladders for	LED metering - 1 Eo	
	electrical work;		
	□ respirators and/or self-contained		
	breathing apparatus;		
	□ methane gas or OVA analyzer;		
	□ LEL metering?		

IV.D. Collection System Operation: Emergency Preparedness and Response

IV D	Question	Response	*Act
1	Do you have a written collection system emergency response plan? When was the plan last updated? What departments are included in your emergency planning?	Yes, the Contract Operator developed a written Emergency Response Plan (ERP) in August 2016. Town Sewer Department, Town Manager, and Town Emergency Response Committee were coordinated with as a part of the plan.	
2	Which of the following issues are considered:	Within the Emergency Response Plan, all of the following issues are considered:	

^{*} Put an "A" in the final column if this is an issue you intend to address with future action.

	□ vulnerable points in the system, □ severe natural events, □ failure of critical system components, □ vandalism or other third party events (specify), □ other types of incidents (specify)?	 Vulnerable points in the system (critical pump stations to address immediately, low points in the collection system) Storm Events and Predicted High Flow Scenarios Backup Systems Initiation due to pump failure/generator use SSO's Internet/Electrical Outages Town of Hull Emergency Notification Procedures 	
3	How do you train staff to respond to emergency situations? Where are responsibilities detailed for personnel who respond to emergencies?	Staff is trained by holding Mock Storm Drills, as part of the mock drills we update ERP plan and review with staff. ERP defines responsibilities.	
4	How many emergency calls have you had in the past calendar year?	There have been 2 Emergency Calls in the past calendar year.	

IV.E. Collection System Operation: Engineering – Capacity

IV E	Question	Response	*Act
1	How do you evaluate the capacity of your system and what capacity issues have you identified, if any? What is your plan to remedy the identified capacity issues?	Capacity was evaluated previously in 1977, 1984 and 1998 the plant has adequate capacity for normal flow, but not for extreme flow events, such as the "No-Name" storm of 1991. Several requests have been submitted in the past to allow for by-passing of extreme flows beyond the capacity of the sewer system; this currently occurs using portable emergency pumps on an as needed basis.	A
2	What procedures do you use to determine whether the capacity of existing gravity sewer system, pump stations and force mains are adequate for new connections? Who does this evaluation?	Currently there are no system in place except for the treatment facility influent and effluent flow meters.	A
3	Do you charge hookup fees for new development and if so, how are they calculated?	The town charges a rehabilitation fee – it is based on the Flow Estimation Table from the MA DEP 314CRM 7.15 stating that each bedroom uses 110 gallons a day. The cost per equal dwelling unit (normally a bedroom) is \$500.00. The Flow Estimate Table is used to calculate a equal dwelling unit for places like a restaurant. Each seat in a restaurant uses X gallons per day – for each 110 gallons a day we charge \$500.00	
4	Do you have a hydraulic model of your collection system? Is it used to predict the effects of system remediation and new connections?	No.	A

^{*} Put an "A" in the final column if this is an issue you intend to address with future action.

IV.F. Collection System Operation: Pump Stations - Inspection

IV F	Question	Response	*Act
1	How many pump stations are in the system? How often are pump stations inspected? How many are privately owned, and how are they inspected? Do you use an inspection checklist?	7 major pump stations and over two hundred grinder pumps, of which about 175 are owned by the town. See section I.2 for more details.	
2	Is there sufficient redundancy of equipment at all pump stations?	Currently no	A
3	How are pump stations monitored? If a SCADA system is used, what parameters are monitored?	Pump stations are monitored using SCADA. Flow, power status and communication are monitored. System is old and unreliable, needs to be upgraded to current technology.	A
4	How many pump station/force main failures have you had in each of the last three years? Who responds to pump station/force main failures and overflows? How are the responders notified?	Two – PS 4 and PS 3 See ERP for response plan	
5	How many pump stations are equipped with backup power sources? How many require portable generators? How many portable generators does your system own? Explain how the portable generators will be deployed during a system-wide electrical outage.	See section I.2. The portable generator for PS A is kept at the wastewater plant and deployed when needed.	
6	Are operation logs maintained for all pump stations? Are the lead, lag, and backup pumps rotated regularly?	Pump station checks are logged in DoForms daily. Pumps are typically running in alternating control mode.	
7	Is there a procedure to modify pump operations (manually, or automatically), during wet weather to increase in-line storage of wet weather flows? If so, describe.	NO possible plan to be evaluated as part of the CMOM Corrective Action Plan	A

V.A. Equipment and Collection System Maintenance: Sewer Cleaning

VA	Question	Response	*Act
1	What is your schedule for cleaning sewer lines on a system-wide basis? At this frequency, how long will it take to clean the system? How are sewer cleaning efforts documented?	Contract has a quota of 20 % per year, actual is less based on priority needs. To be reevaluated as part of the CMOM Corrective Action Plan. Plan is to utilize PACP guidelines and reporting.	A
2	How many linear miles of the collection system were cleaned in each of the past 3 calendar years?	2013 – Approx. 1 mile 2014 – approx. 9.9 Miles inspected, and cleaned as needed 2015 – less than 0.5 miles	A
3	How do you identify sewer line segments that have chronic problems and should be cleaned more frequently? Is a list of these areas maintained and cleaning frequencies established?	Kleinfelder December 16 2014 Kleinfelder June 17 2016 To be reevaluated as part of the CMOM Corrective Action Plan.	A
4	Approximately, how many collection system blockages have occurred during the last calendar year, and what were the causes?	27 Reported blockages since W&C took over in May of 2015 until Oct. 2016	A
5	Has the number of blockages	The number of blockages has stayed about the same.	

^{*} Put an "A" in the final column if this is an issue you intend to address with future action.

	increased, decreased, or stayed the same over the past five years?		
6	What equipment is available to clean sewers? Is any type of cleaning contracted to other parties? If yes, under what circumstances?	SL Rat – inspection device Contractors are used f for sewer cleaning, both for regular basis and emergency service.	A
7	Do you have a root control program? Describe its critical components.	There is currently no root control program.	

V.B. Equipment and Collection System Maintenance: Maintenance Right-of-Way

V B	Question	Response	*Act
1	Is scheduled maintenance performed on Rights-of-Way and Easements? At what frequency? How many manholes in easement areas cannot be located?	Within the last calendar year, there has been no scheduled maintenance within Rights-of-Ways/Easements.	A
2	Are road paving projects coordinated with the collection system operators? Have manholes been paved over? How many manholes in paved areas cannot be located? Describe any systems in place for locating and raising manholes that have been paved over.	Yes, road paving projects are typically coordinated with the Contract Operator through the Department of Public Works. There have been no known manholes paved over nor are there any known manholes in paved areas which cannot be accessed.	

V.C. Equipment and Collection System Maintenance: Parts Inventory

V C	Question	Response	*Act
1	Do you have a central location for the storage of spare parts?	Spare parts are located in the Wastewater plant	
2	How have critical spare parts been identified?	Not at this time	A
3	How to you determine if adequate supplies on hand? Has an inventory tracking system been implemented?	Inventories of spare parts are kept on Excel logs, which can help with ordering supplies. A formal inventory tracking system has not been implemented.	A

^{*} Put an "A" in the final column if this is an issue you intend to address with future action.

VI A. SSES: System Assessment

VI A	Question	Response	*Act
1	Do POTW flow records or prior I/I or SSES programs indicate the presence of public/private inflow sources or sump pumps? Please Explain.	YES Plant historical flow data and prior system assessments indicated public and private I/I	
2	If problems are related to I/I, has a Sewer System Evaluation Survey (SSES) been conducted? When? What is the status of the recommendations?	Various studies have been done over the years 1974 study by Whitman & Howard 1983 Evaluation by Black 7 Veatch 1984 study by CDM 1999 Summary study by Tighe & Bond 2005 Straights Pond area study by W&C Proposed SSES will be part of the CMOM Corrective Action Plan.	A
3	Do you have a program to identify and eliminate sources of I/I into the system including private service laterals and illegal connections? If so, describe.	No. CMOM Corrective Action Plan will address the future I/I program to meet permit and MA DEP requirements.	A
4	Have private residences been inspected for sump pumps and roof leader connections?	Programs to identify and remove sump pumps was performed several times in the past.	
5	Are inspections to identify illicit connections conducted during the property transfer process?	Yes. Currently inspections to identify sump pumps is covered by the Town bylaw that when a property is transferring ownership, that an inspection is done.	
6	How many sump pumps and roof leaders have been identified? How many have been removed?	The sump pump inspection bylaw was passed in May 2007. Approximately 7 or 8 have been redirected. (Realtors know that the sump pumps need to be directed outside so they make sure that they are directed outside before we come to inspect them – similar to they change the smoke detectors before the fire department comes to inspect.)	
7	Have follow-up homeowner inspections been conducted?	Follow up inspections were done for the five or six we found.	
8	What incentive programs exist to encourage residences to disconnect roof leaders & sump pumps? (i.e. matching funds, etc.)	No current incentive program	
9	What disincentive programs exist to encourage residences to disconnect roof leaders & sump pumps? (i.e. fines, surcharges)	A fine of \$25.00 per day for each day in violation can be imposed – So far when we have found an illegal sump pump, they fix it the same day so they can sell the property.	

VI.B. SSES: Manhole Inspection

TID BELS Humble Inspection			
VI	Question	Response	*Act
В			
	Do you have a manhole inspection and assessment program?	Manholes are currently inspected as needed based on preventative maintenance capacities. The PACP type 1 assessment using a standard inspection form is currently used. A manhole repair program is needed.	A

^{*} Put an "A" in the final column if this is an issue you intend to address with future action.

2	Has a formal manhole inspection checklist been developed?	Yes, a formal manhole inspection checklist has been developed in accordance with NASSCO standards.	
3	How many manholes were inspected during the past calendar year?	277 manholes were inspected between May 1, 2015 and September 30, 2016.	

VII. Energy Use

VII	Question	Response	*Act
1	What is your annual energy cost for operating your system? For which pieces of equipment do you track energy use?	The approximate annual energy cost for the wastewater treatment plant is \$233,000. Individual pieces of equipment are not tracked for energy usage, but the wastewater plant and the collection system pump stations have individual meters.	
2	Have you upgraded any of your pumps and motors to more energy efficient models? If so, please describe.	The aeration blower system was upgraded in 2002, replacing the mechanical aerators for ½ of the wastewater plant. Several of the pump stations have been retrofitted with VFDs and when motors are replaced, more energy efficient motors meeting current energy efficiency standards are installed.	
3	Have you performed an energy audit in the past three years?	No. An energy audit has not been performed within the last three years.	
4	Where do you use the most energy (fuel, electricity) in operating your collection system?	For the collection system, the highest energy use is the pump stations pump motors and the individual grinders in each household located on the low pressure sewer. We also recently installed wet well aeration units to reduce FOG and ragging issues.	
5	If you have a treatment plant, would you be interested in participating in EnergyStar benchmarking of your treatment plant?	Yes. The Plant would like to be included for participating in an Energy Star benchmarking.	A

VIII. Other Actions

VIII	Question	Response	*Act
1	Describe any other actions that you plan to take to improve your CMOM Program that are not discussed above.	The Town of Hull and its utility stakeholders have recently completed a draft EPA Climate Resiliency Evaluation and Awareness Tool (CREAT) Report which assessed climate change threats to utility assets and will be a helpful tool moving forward for capital planning. The report is under comment and review phase, but pursuit of hazard mitigation grants (including overall collection system improvements for resiliency) will aid in the execution of the CMOM program and its objectives.	A

^{*} Put an "A" in the final column if this is an issue you intend to address with future action.



APPENDIX B: COLLECTION SYSTEM WORK ORDERS

1. 2016 WORK ORDER SUMMARY 2. 2016 SAMPLE WORK ORDERS 2015 DOFORMS/SEMS CMOM Work Orders

Workorder Asset Name	Workorder Number	WO History Status Date	Workorder Description	WO History Notes	WO History Status
20 - WW - collections - general	1498	1/27/2016	45 hull shore drive hotel	Responded to hotel for back ups opened manhole #20811 and 20813 for flow # 20811 was fine # 20813 coming from hotel was full of debris and grease resticting the flow to the main had to call Ras Sano Davis forn Cohasset to clean manhole	Completed
	1596	2/17/2016	25 Main Street	J Dow determined homeowner issue	Completed
	1618	2/16/2016	Manhole Inspection Gunrock Ave	Need to confirm mh location	Completed
	1623	2/17/2016	Inspection of the sewer main for a complaint of sewer	Assistant, kevin Stetson,	Completed
	1704	2/19/2016	backup, Blockage at 25 Main Street, Keith Connelly	Assisted by JB &ES. Inspect lateral at 25 main street. Clenout in driveway - found cap off and evidence of feak. Attempt to snake line, flush with jetter from WRiver, and try camera. Line still had water in it. Town to call Hub Constr.	Completed
	1705	2/19/2016	Pre marked sewer line so digging crew can dig up water line	Pre marked street for sewer lines with Jim Dow	Completed
	1706	2/19/2016	Opened manhole to confirm sewer line running down on	Opened manhole to confirm sewer line running down Townway	Completed
CAMERA	1707	2/22/2016	Townway Camera Lateral line to the main for J Dow	Camera Lateral to main line all clear	
CHINCKA	1733	2/29/2016	34 porro rd.	Check for flow from top of hill on porrazzo rd. To the bottom,	Completed Completed
	1853	2/29/2016	34 Porrazzo Road	checking 5 manholes flow is normal in all 5 manhole checks, Check for flow from top of hill on porrazzo rd. To the bottom, checking 5 manholes flow is normal in 15 manhole checks, MH	Completed
VArrage	1911	6/3/2016	Address pit at the dump before Windriver comes back	20815, 20812, 20800, 20801, 20796	Completed
VACTOR	1905.150(f)	302000237373		gratta cleaned pit	Completed
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1912	3/4/2016	34parrozzo rd.	Responded to 34 parozzo rd, with camera to chec km piping from the house to the repair, and the pipe to the street. All was found to be clear. Hub construction did all work to repair the connection that failed!	Completed
VACTOR	1973 2107	7/22/2016 4/13/2016	Inspection of landfill debris pit Pit at the dump	Removal of debris at pit	Completed Completed
	2224	5/3/2016	12 Harborview Road, Alice, 781 925 9222, Toilet flush backed up into tub.	Water main break same day. Expected pressure in pipes. Flushed toilet again after relieving pressure from pipes by having faucet run. Flowing normally now.	Completed
	2228	5/3/2016	Sue Merna 9 Warren Ave # 781 773 1323	Opened manhole in street system flowing freely	Completed
	2282	5/14/2016	Salt water diner 514 Nantasket Ave	12:30 to 330pm opened MH 20596 and MH 20614 for flow street	Completed
	2-04000	Secretarings from	A STREET OF CHILDREN CONTROL OF THE	flowing freely	COSCIONOS - SILVE
	2337	5/31/2016	32 Merrill Road Jeanne Parkes of 8 Andrew Road, 781 925 5156, Backup	Checked MH 20799 and MH 20815. Flowing freely.	Completed
	2469	6/20/2016	Call	Checked MH20782 and MH20788	Completed
	2470	6/20/2016	Jeanne Parkes of 8 Andrew Road, 781 925 5156, Backup Call	Checked MH20782 and MH20788	Completed
	2481	6/21/2016	183 a nantasket ave backup	Popped 3 manholes	Completed
ODOR	2488	6/29/2016	Odor Complaint at 132 Bay Street. Patricia Donovan. House number is 781 773 1141. Cell phone number 508 243 8523.	Checked Manholes 20801 and 20796. Flowing freely. Used Jerome H2S meter in building. No gases detected using Jerome. Informed Patricia Donovan to contact plumbing service to further identify odors inside her residence. Assisted by Eric Sutton	Completed
	2491	6/28/2016	168 samoset ave nicole naumenko 781 925 9081	Opened manhole 20548, 20539 street flowing freely, Constant Flow plumbers on site pulled a root ball from clean out in her house system now operational	Completed
VACTOR	2654	7/7/2016	Debris removal scum pit at the hull dump	Removal of debris from vactor truck at dump scum pit, there was	Completed
1	2690	7/15/2016	Multiple alarms	two times for this removal total time 1,5 Reset all assets in alarm	Completed
	2839	8/5/2016	83 manomet, ave. Blockage back up,in house	Inspection of manholes, at 83 manomet Avenue MH20635. MH 20648 and MH20660 found that the flow of the line in street is normal, notify the residence that the problem is in the house, no problem with the flow in sewer line.	Completed
COOR	2852	8/15/2016	Odor complaint 395 Nantasket	problem with the now in sewer line.	Completed
ODOR				No H2S detectable at time of respons	Completed
	2890	8/25/2016	Delivering Handouts for force main repair on Nantasket Ave next to Hotel.	Delivered notice to surrounding houses of Pump Stations 3 and 4	Completed
	2894	8/26/2016	4inch portable water pump 5 hp.	Exhaust system is not attached to engine due to snapped bolts that need to be removed from the head of engine drill and re,tap threads and reassemble change the oil, disassembled carburetor to clean jets and float bowl. Add fuel and pump runs awesome!! Add to the inventory list a good working pump!	Completed
DIGSAFE	2897	8/29/2016	3 Vautrinot markout	Mark out sewer	Completed
	2898	8/29/2016	110 Draper Ave Digsafe mark out	Mark out sewer	Completed
	2899	8/29/2016	193 Samoset Ave mark out	Marked out sewer for Digsafe	Completed
	3006	9/1/2016	160 Catfish Digsafe	Mark out sewer	Completed
	3007 3008	9/1/2016	822 nantasket ave digsafe Digsafe mark out 43 Whitehead ave	Mark out of sewer Digsafe mark out	Completed Completed
V	3008	9/1/2016 9/1/2016	Digsafe mark out 43 Whitehead ave	Mark out sewer complete	Completed
	3065	9/30/2016	5 Eastern ave back-up call plumber on site need to check st	Es,Rc arrived at location opened 2 manholes, (1) 20825, 20822 both manholes flowing freely. Spoke to homeowner told her street was fine she said plumber was coming back in monday	Completed
JETTING	3257	10/26/2016	Jetted 600 feet between meridian ave and Beacon ave on Holbrook ave and vaccumed two manholes 20180 and 20210	See description jet and vaccumed Holbrook ave with wind river	Completed
	3268	10/28/2016	and 20210 25 Summit Ave.	Inspect manholes 20982, 20985 and sure manhole/cleanout in bushes in between #33 and #37. No issues and flowing ok. house no 25, 29,33,37,37A all flow into a lie behind these houses. Clear and flowing. No other cleanout outside. Report back to homeowner.	Completed
	3276	10/31/2016	Sewer service broken by hull light at 152 Spring Street	BB and ES inspected broken service and notified Town of needed repairs	Completed
	3367	11/3/2016	#6 Holbrook Ave	ES & BB inspected sewers. Home owner called roto rooter to snake sewer service on property	Completed
	3370	11/3/2016	Sewer lateral inspection at 48 Holbrook Ave	ES, BB Inspected broken service and reported the issue back to the Town Sewer Dept of repair needed	Completed

600

	3372	12/1/2016	6 Holbrook ave	roto rooter came cleared line camered line found issues on her property homeowner took care of problem	Completed
SAFETY	3426	11/29/2016	ps 1 ladder	Now secure	Completed
	3557	12/9/2016	37 Tierney Ave. Ester Stevens 90 years old 781 925 0921 has a issue with her toilet and shut the valve, next day she couldn't open valve joe and I opened valve checked the 2 toilets everything seems o	See description above	Completed
	3573	12/14/2016	Manhole Inspection	Inspected Newport road area - bill assisted by Joe	Completed
	3575	12/15/2016	9 Willow st 781 925 1889 back-up call	930 am to 10:00 am eric bill arrived at location opened manholes 20050 on Spring st and 1 on Main st MH 20045 both line flowing freely	Completed
	3617	12/30/2016	26 Western Ave	Visit location at 1230pm, sewage coming up through floor drain in garage. Inspect street manholes & found #20388 surcharged. Rosano Davis only pumper/contractor available. Still blockage in street. Clean garage area & set up for vector truck on Sat.	Completed
PLANT	3621	12/31/2016	Chlorine distribution valve for effluent	Disassemble valve and dislodge debris	Completed
	3622	12/31/2016	Western Ave	Arrive at 7am, there until 10 am with WRIVER vac/jet truck. Mike Decosta and Jason from WR. Mark road where suspected blockage area is. Inform homeowner, Town, & Hub construction.	Completed
2 - WW - sewers/pipes/force mains	1429	1/5/2016	Ray Sarno (plumber) called to check manholein street for flow at 173 Atlantic Ave	Opened 2 manholes for blockage system flowing freely	Completed
	1431	1/5/2016	Ray Sarno (plumber) called to check manholein street for flow at 173 Atlantic Ave	Opened 2 manholes for blockage system flowing freely	Completed
	1434	1/5/2016	Manhole Inspection	Opened manhole for flow system flowing freely	Completed
	1586	2/7/2016	Sewage leaking into residents house, Called in to check manholes around 48 Highland Ave.	Checked manholes MH 20060 and MH 20056 flowing properly.	Completed
	1687	2/18/2016	Open 2 manholes on Fitzpatrick way on northeast side of bridge at this time no assigned numbers	Using a 24 millimeter socket manhole bolted down which bolts do unscrew fairly easy flow was flowing freely	Completed
	1688	2/18/2016	Check 2 manholes on Fitzpatrick way on northeast side of the bridge	Inspection of manhole flowing freely	Completed
JETTING \$ CCTY	1698	3/7/2016	Overall inspection and cleaning of manholes on Atlantic Ave, Gunrock Ave manhole #s are 20962, 20965, 20967, 20968, 20969, 29964, 20960, 20961 this when done will complete this area	GUNROCK WORK	Completed
	1700	2/19/2016	Inspection of manhole after cleaning charged manhole 20827	Opened manhole cleaned debris from manhole	Completed
4	1871	3/7/2016	Informative W/O for Gunrock Ave and Atlantic Ave, Jetting cleaning, and camera work		Completed
	1968	3/30/2016	Back-up call at 39 Bay st Joe Mclaughlin 39 Bay st cell # 617 653 2420 talked to homeowner advised to call plumber	Opened manhole inspected flow street flowing freely	Completed
Jerting	2081	4/6/2016	Back-up call at 37 Summit Ave Ted Sapienze cell # 617 750 0814	Jetted line from clean out located under hedge between 33&37 Summit jetted towards the sweeps, when saw jet nozzle pulled back added dye saw dye at sweeps and at manhole 20977. Then advised homeowner to call a plumber, then call to let us how he made out	Completed
IN-PIPE	2095	4/6/2016	Installation of bacteria unit # 2 in front of Jacobs school this is a un-mapped manhole	Installation of bacteria unit #2	Completed
	2099	4/9/2016	Water main break at nantasket ave and H st	Went to location used GPS map showed foreman sewer main line on nantasket ave and each side of H st called Jim Dow to get a tie card for 1 house of concern he said it would be fine	Completed
IN-APE	2100	4/9/2016	Inoculation of bacteria in 11 manholes dispersed around town with 5 gallons in each manhole	Opened manhole inoculated with 5 gallons in each manhole	Completed
IN-PIPE	2118	4/21/2016	Inoculation of bacteria in 11 manholes dispersed around town with 5 gallons in each manhole	future openings so no dirt falls into manhole put dirt in a 5 gallon bucket and disposed at plant dumster	Completed
	2223	5/3/2016	Back-up call on 9 warren st. Checked 4 manholes in area	MH 20562 at 9 Warren flowing freely. Also checked upstream MH 20591,20604,20617 advised homeowner to recall her plumber and investigate further on issue,	Completed
	2235	5/3/2016	Picture of manhole inspection	Opened 4 manholes found issues	Completed
IN- PIPE	2247	5/5/2016	Inoculation of bacteria in 11 manholes dispersed around town with 5 gallons in each manhole	Opened manhole inoculated with 5 gallons of bacteria in each manhole.	Completed
IN-1918	2251	5/6/2016	Replaced the 30 day bacteria bottles in 8 of the of the 11 manholes. See notes	5/6/16 completed replacing bacteria bottles in manholes 20978, 20803	Completed
100	2268	5/10/2016	Manhole Inspection	Opened manhole took picture sent to jim with other information	Completed
	2283	5/14/2016	Back-up call at 514 Nantasket Ave, hardware,saltwater diner, jade restaurant all experiencing blockages. Advised building owner to call a plumber for problem	Investigated situation took pictures gathered a history of area from myself, Paul Gratta, Jim Dow, Arum, conclusion was situation is the buildings issue	Completed
IN-PIPE	2308	5/22/2016	Summary of inoculation of eight bacteria units, Units 12 thru 20	Summary report	Completed
	2334	5/29/2016	Backup Call 20 Wyola Road. Pamela Knight 781 925 1383	Checked Manhole 20863. Flowing freely. No grinder pump on property or that side of street for any house. Advised homeowner to call plumber.	Completed
	2339	5/29/2016	20 Wyola Road, Pamela Knight 781 925 1383	Checked Manhole 20863, Flowing freely. No grinder pump on property or that side of street for any house. Advised homeowner to call plumber.	Completed
ODOR	2340	5/31/2016	Odor Complaint, 50 Summit Avenue, Joann Thompson 781 925 4631	Jerome readings around property and Nantasket Avenue, No readings above ,003. At this time no odors found, Resident believed the odor was coming from Straits Pond	Completed
	2471	6/20/2016	Service Call. Backup at 8 Andrew Road, Jeanne Parkes 781 925 5156	Checked Manhole 20782 and MH 20788	Completed
	2490	6/28/2016	Back up call 168 samoset ave	Opened manholes 20548, 20539 street flowing freely see manhole inspection DO form	Completed
M. REPAIR A	2498	6/29/2016	MH 20811, Windriver in to dismantle corroded force main pipe, and camera line	Opened manhole, confined space entry performed, fire department notified. Windriver cut pipe in 3 sections and hoisted out and removed from site	Completed
	2499	6/29/2016	Removal of debris from MH 20811 at the dump pit	Removal of debris	Completed
rcemain repair +	2502	6/30/2016	MH 20811 force main discharge pipe debris from station 3	Opened manhole dismantled pipe removed from site	Completed

			I	Hub Construction,dug trench,exposed existing pipe had pump	
grinder	2675	7/13/2016	Hub Construction installing new piping for a grinder pump at the of North truro rd	truck on site to drain the line, pipe was cut, connection was installed, a street shut off pipe also installed, then back filled. Less than five gallons was spilled in the hole	Completed
grinder	2676	7/13/2016	North truro rd shut down of 14 town owned grinders and 1 FR mahoney grinder at # 202 truro	Arrived at location coordinated with Hub Construction turned off 15 grinders when installation of pipe and trench partially back filled W/C employees turned grinders back on	Completed
gruder	2689	7/14/2016	Hub Construction installing new piping for a grinder pump at the of North truro rd	Hub Construction,dug trench,exposed existing pipe had pump truck on site to drain the line, pipe was cut, connection was installed, a street shut off pipe also installed, then back filled, Less than five gallons was spilled in the hole	Completed
grinder grinder grinder grinders	2699	7/20/2016	54 Wyola rd Farrell excavation in to hook up new service	Turned 15 grinders on street, contractors cut pvc pipe, Rosano Davis on site with vactor truck less than 3 gallons of sewage was spilled contractors hooked service up and put a shut off stem pipe at location ,then back filled trench. WC turned grinders back in the "ON POSITION"	Completed
DIGSAFE	2722	7/27/2016	Hub Construction digging water line for hook up for new house, Hub needed to know where house 218s line connects to street line. Also Hub will complete a new tie card when finished	Arrived at location reviewed drawings and got some new	Completed
	2840	8/6/2016	Manhole Inspection	Inspection only, flow is normal at manhole 20635, 20648, and 20660	Completed
DIG SAFE	2891	8/25/2016	Dig safe pre marking for DPW 3 catch basins being	Located sewer lines and laterals on 4 houses from map drawings	Completed
PIW PITT	2896	8/29/2016	worked on Moreland Ave Backup Call for 9 Mayflower Road, Joel 972 904 7204	addresses are 17- 15- 13-11 Checked MH 20251 and MH 20204. Flowing freely	Completed
	3012	9/6/2016	159 Nantasket Ave and Berkley schooners restaurant back up call this cross country is soley for schooners restaurant	Arrived on site opened 2 manholes, 1 cross country in parking lot on park ave which is unmapped and 1 in street in front of 12 park ave which also unmapped after 2 hrs plumber cleared line	Completed
	3013	9/6/2016	159 Nantasket Ave schooners restaurant inspected manhole do to full grease trap which caused line to clog	Arrived at location worked with plumber eventually line was cleared	Completed
With anything the street	3014	9/6/2016	159 Nantasket Ave schooners restaurant back up call	Arrived at location worked with plumber line was cleared	Completed
JETTING	3017	9/12/2016	Windriver in to jet 2 manholes do to a previous back-up call at 159 Nantasket Ave schooners restaurant	out to verify line from jetter had reach clean out line flowing freely	Completed
CAMERA	3198	10/4/2016	5 Eastern ave camera line for Hub Construction repairing broken pipe from clean out to sewer main	As Cameraing line noticed 4ft in the pipe had broke off and dipped down about 2" from existing pipe Hub Construction had to extend trench to repair	Completed
	3211	10/6/2016	29 Main st, contractors on site Es,Bb inspect capped line, before contractors bury line	Arrived on location, took picture of capped line, spoke to contractor who supplied us with a tie card before burying which Bill B was going to clean up before giving to Carroll for being filed	Completed
	3260	10/26/2016	Water Main break at 46 H street, Need sewer dept, to identify sewer lines	Using tie card to identify and mark sewer lines while aquarion water repaired water break.	Completed
CAMERA	3383	11/9/2016	Camera line at 10 western ave	Cameraed line, 4ft into street line was separated notified jim dow of issue homeowner will continue digging into the street on Thursday expose pipe then have jim dow examine issue	Completed
	3561	12/12/2016	Elizabeth Cossette. 830 Nantasket Ave. 781 925 1807. Toilet Issue. Believes it is soot buildup.	Examined toilet, Little debris present. Believed to be mold growing in tank of toilet, Not wastewater related, Building up over the course of a few years. Advised to contact Aquarion if resident wants to pursue further,	Completed
550	3588	12/19/2016	Bart Kelly assistant building inspector notified Hull WWTP of a overflowing manhole cover on Atlantic Ave in front of of the playground near 205 Atlantic Ave	Arrived at location evaluated situation called Rosano Davis for a pump truck and jetter. Jetted 5 manholes about 700 ft street flowing freely, SSO occurred about 250 gallons Rosano cleaned street we limed affected area Aram notified	Completed
4	3589	12/19/2016	Overflowing manhole on Atlantic ave. This asset is the unmapped manhole	Jetted manhole 20956 to unmapped manhole, unmapped manhole was overflowing causing the SSO due to grease chunks in line thru out this area	Completed
(8)	3601	12/21/2016	W/O 2of2 see manhole inspection form for 7 Eastern ave Back-up call Edward Atkinson 617 568 2867	Opened manhole street flowing freely spoke to homeowner told him we would get back to him after further investigation no tie card however homeowner showed me where line is from property to street see picture	Completed
23 - WW Pump Stations	1438	1/6/2016	Commfails for all pump stations	Preliminary contact by Kevin Stetson to verizon when loop went down. Eventually, after a few additional calls, it was found that Verizon's chkg of the loop in wrong way caused the outage.	Completed
	2697	7/18/2016	All station comfail alarm and lost phone service	Call Verizon for a new ticket # is 056226 came back from lunch all cleared other areas of the town lost phone service also	Completed
	2853	8/1/2016	Pump station a door won't open		Completed
	3028	9/15/2016	Pump station 5 sump pump in dry well is not pumping but is running, suspect that the pipe leading to the wet well is plugged.	After removal of the pump we found debris stuck in the piping we Jett the piping to the wet well and operating normal again. We also cleaned up the debris from the lower dry well floor.	Completed
	3274	10/31/2016	Emergency generator, battery post protection,	Installed the new post protection covers while doing station checks, today! ! Station 1 ,station 3 ,station 4 ,station 5 station 6 and station 9.	Completed
	3414	11/22/2016	Wetwell inspection of debris at all stations	Opened wetwells at stations 1,A,3,4,5,6,9 all stations had 0% debris in wetwells	Completed
Grinder Pump 10 WORRICK ROAD	1728	2/27/2016	Loose side conduit elbow - broken off	Visit on 2/26 at 430pm, assess and attempt to fix. Dig and reset conduit. Need additional items. Return on 2/27, repair cracked elbow with fiberglass resin, set elbow and re-anchor with new screws. Silicone around piece after mounting. Call and update homeowner.	Completed
Grinder Pump 110 NO. TRURO ST.	2688	7/14/2016	Customer couldn't here grinder coming on	12pm/1230pm arrived at location found grinder working properly. Homeowner concerned about a party he will be hosting and wanted to be sure there would be no problems	Completed
Grinder Pump 13 EASTMAN RD	2332	5/29/2016	Pump went into alarm	LOTO performed. Replaced old grinder pump (Serial #103845) with Repaired Grinder Pump (Serial #A177081)	Completed
Grinder Pump 14 Montana Ave	2467	6/19/2016	14 Montana Ave, Grinder pump Alarm circuit box cover	Replaced circuit box by Aram Varjabedian	Completed
Grinder Pump 14 NANTASKET AVE	2293	5/17/2016	broken. Grinder Pump went into Alarm	LOTO performed, Removed nonfunctional grinder pump (Serial #106831) and replaced with Repaired Grinder Pump (Serial #91315)	Completed
Grinder Pump 14 ROCKAWAY AVE.	3603	12/22/2016	Grinder in alarm Tina Delguidice 609 707 6616	Eric Joe arrived at location Loto performed opened grinder checked for operation alarm went off replaced grinder	Completed

	O copposition	5000 (MAX (MAX (MAX (MAX (MAX (MAX (MAX (MAX	WALKEN OF THE STATE OF THE STAT	Eric Joe arrived at location opened grinder checked for operation	organization con
	3604	12/22/2016	Pump in alarm	alarm went on replaced grinder pump	Completed
Grinder Pump 15 EASTMAN RD	2123	4/27/2016	Grinder in alarm	Loto performed, grinder pump not working swapped out for new pump, old pump serial #106942 new pump serial #106843	Completed
	2126	4/27/2016	Grinder in alarm	Loto performed, grinder pump not working swapped out for new pump, old pump serial #106942 new pump serial #106843	Completed
Grinder Pump 16 QUANSET ST.	3415	11/25/2016	Grinder in alarm	Arrived at 1130 am departure at 1200pm Loto performed replaced grinder pump now operational	Completed
Grinder Pump 17 SHORE GARDENS RD.	3611	12/27/2016	Grinder Pump went into alarm.	LOTO Performed. Pumped out grinder pump pit with puddle pump & 100ft garden hose Into tote. Replaced Grinder Pump Serial number 104824 with Repaired Grinder Pump Serial number 103831.	Completed
Grinder Pump 18 ROCKVIEW RD.	3025	9/14/2016	There are 2 grinders in this tank one pump changed for now need to go back and replace the other will do		Completed
GRINDER	3059	9/27/2016	another W/O for 2nd pump Grinder in alarm	2 pumps were found in this Can 1 was replaced last week today we investigated 2nd pump found it was not operational so we replaced pump 2 Loto was performed	Completed
Grinder Pump 19 HARWICH ST.	1468	1/12/2016	Grinder Pump in alarm,	Opened cover tank was full had to puddle pump out tank at the top of grinder the was 2"to 3" of 3/4" stone on top of grinder which we had to vacuum out before replaced grinder	Completed
Grinder Pump 19 RICHARDS	1589	2/24/2016	Pump went into alarm	Replaced grinder pump	Completed Completed
Grinder Pump 20 ROCKVIEW	1590	2/10/2016	Pump went into alarm	Checked 2nd pump by the bypass button pump wasnt working so	Completed
RD.	3058	9/27/2016	Replaced grinder pump #2 do to low no pump flow Pump went into alarm	we replaced pump LOTO performed. Grinder pump replaced	Completed
Grinder Pump 200 NO, TRURO Grinder Pump 30 DELLAWANDA	1605 3222	10/13/2016	Experienceing backup	Pumped out grinder pit and replaced grinder, tested electrical not	Completed
RD. Grinder Pump 33 WYOLA ROAD	1943	3/21/2016	Grinder Pump went into Alarm	working LOTO performed. Replaced old grinder pump with Repaired	Completed
Grinder Pump 34 WYOLA ROAD	1441	1/7/2016	Grinder Pump went into Alarm	Grinder Pump Replaced grinder pump	Completed
Grinder Pump 34 WYOLA ROAD Grinder Pump 36 SHORE GARDENS RD.	1627	2/17/2016	Grinder alarm	Responded to the grinder pump call loto pump and controls, and Replaced the pump also had to remove extension, cable. And reconnect directly to the pump, pump out # was91315 pump in # was 105822	Completed
Grinder Pump 37 ELM AVE	3252	10/23/2016	Grinder Pump went into alarm.	LOTO Performed. Drained grinder pump pit into tote, Replaced malfunctioning Grinder Pump with Repaired Grinder Pump.	Completed
Grinder Pump 42 WYOLA ROAD	3377	11/7/2016	Grinder Pump in alarm	939 am - 1030 am Loto performed removed grinder pump replaced with new pump	Completed
GRINDERV	3608	12/27/2016	Inspect the possibility of a damaged pipe that exits the pump due to a contractor digging near pump for a footing installation for a new deck.	Determined gravity piping to grinder pump does not come in from the side of grinder.	Completed
Grinder Pump 5 NANTASKET AVE	3223	10/13/2016	DPW Grinder Pump in Alarm	LOTO Performed. Grinder Pump Pit pumped put using puddle pump. Replaced Nonfunctional Grinder Pump (Serial #106831) with Repaired Grinder Pump (Serial #106782)	Completed
GRINDER	3224	10/13/2016	DPW Grinder Pump Pit connecting rod damaged.	LOTO performed, Replaced connecting rod with new. Replaced motherboard, replaced plug, changed alarm light. Pump	Completed
*				functioning normally	Completed
Grinder Pump 50 NANTASKET AVE	2700	7/20/2016	Grinder in alarm	Arrival 8am depart 1030am grinder full pumped out then reinstalled new pump	Completed
Grinder Pump 52 NANTASKET AVE	2427	6/1/2016	Resident claimed the pump is louder than usual when on	LOTO performed. Replaced Grinder pump (Serial #91316). Replaced with new Grinder pump (Serial #DH549069)	Completed
Grinder Pump 54 North Truro	1471	1/12/2016	Grinder Pump in alarm 54 North Truro	Grinder in alarm opened cover which was broken and did replace tank was full puddled pump out then replaced grinder. Also this house has a FRMAHONEY box which we own and replaced lock with one of ours	Completed
Grinder Pump 59 GOSNOLD ST.	2338	5/31/2016	Grinder Pump making unusual sounds. Upon arrival tested pump to find it was struggling to keep up with load.	LOTO performed. Replaced Grinder Pump Serial #106781. Replacement Grinder Pump Serial #DH352122	Completed
Grinder Pump 9 NANTASKET	2462	6/17/2016	Grinder in alarm	2:30 pm 6/16/16 loto performed replaced grinder serial # out 106759 serial # in 106831	Completed
AVE Grinder Pumps	2466	6/19/2016	Pump went into alarm	LOTO performed. Replaced Grinder pump with Repaired pump	Completed
Manholes	1893	3/3/2016	Service Call for 239 Atlantic Avenue, Sewage Backup in house, Caller Pam Bennett 781 925 0398	mailbox.	Completed
MH 20000	1455	1/8/2016	Manhole Inspection	Opened manhole cover lowered salinity probe waited for measurement salinity was 8.1	Completed
MH 20001 MH 20019	2449 2085	6/8/2016 4/7/2016	Manhole Inspection Manhole Inspection	Opened manhole from paddocks island 4/7/16 installed bacteria unit in manhole	Completed Completed
Mri 20019	2085	4/7/2016	Manhole Inspection	Installation of bacteria unit in manhole	Completed
MH 20033	3618	12/30/2016	Manhole Inspection	1pm check - Manhole is OK. Not part of affected area. Approx 230pm, found this manhole surcharged. Made a number of	Completed
MH 20038	3619	12/30/2016	Manhole Inspection	calls. Only Rosano-Davis available. Pump out manhole and found brick pieces, Vac out brick pieces with WRiver and attempt to jet down the	Completed
7	3624	12/31/2016	Inspect and remy brick pieces. Attempt to jet down.	street, but unable to, since liquid in drain in #26 garage started to rise. 930am to 10:00 am eric,bill checked manholes 1 on Spring st MH	Completed
MH 20050	3576	12/15/2016	Manhole Inspection	20050, and 1 on Main st MH 20045 both manholes flowing freely advised homeowner to call plumber Checked Manhole, Flowing Freely	Completed Completed
MH 20051	2076 2077	4/3/2016 4/3/2016	Manhole Inspection Backup call at 10 Western Ave. Bill Doyle	Checked Manhole 20051	Completed
	2078	4/4/2016	Backup call at 10 Western Ave. Bill Doyle 617 281 8042	Checked Manhole 20051, Flowing Freely	Completed
	2079	4/3/2016	Manhole Inspection	Checked Manhole, Flowing Freely Inspect at approx 3pm - downstream of back up. Flowing ok. At	Completed
	3620	12/30/2016	Manhole Inspection	bottom of hill by main street.	Completed
4 4	3623	12/31/2016	Manhole at base of Western Ave	Jet line 6 to 7 times. Only able to get out approx 140 ft. Mark location on road.	Completed
MH 20056 MH 20060	1588 1587	2/8/2016 2/8/2016	Manhole Inspection Manhole Inspection	Manhole Flowing Properly Manhole Flowing Properly	Completed Completed
MH 20061	1622	2/17/2016	Manhole Inspection	Manhole inspection only assistance from kevin Stetson,	Completed
11 11 11 11 11 11 11 11 11 11 11 11 11	1624	2/17/2016	Manhole Inspection	Manhole inspection only assistance from kevin Stetson flow	Completed

ROSANO DAVIS

	2088	4/7/2016	Manhole Inspection	Installation of bacteria unit # 4 in manhole 20113 flow goes to station 9	Comple
MH 20114	2083	4/6/2016	Manhole Inspection	Installation and priming of bacteria machine	Comple
*	2087	4/7/2016	Manhole Inspection	Installation of bacteria unit # 3 in manhole	Comple
MH 20125	1913	3/4/2016	Manhole Inspection	To verify marking of sewer line leading to spinnaker isl. To manhole number 20125 for utility co.	Comple
1	2279	5/13/2016	Manhole Inspection	Opened manhole took pictures with GO PRO downloaded in file	Comple
MH 20126	2278	5/13/2016	Manhole Inspection	Opened manhole took pictures with GO PRO downloaded in file	Comple
MH 20143	2277	5/13/2016	Manhole Inspection	Opened manhole took pictures with GO PRO downloaded in file	Comple
MH 20147	2276	5/13/2016	Manhole Inspection	Opened manhole took pictures with GO PRO downloaded in file	Comple
11111 20 131	2210	0,1012010		JBasler assist. Inspect manhole and possible laterals in area.	- Automobile
MH 20164	2132	4/30/2016	Inspect due to water main break	Depth of main on Nantasket Ave at Standish was 8.5 ft. Whereas, water company digging at 4 ft level.	Comple
MH 20166	3558	12/9/2016	Manhole Inspection	Eric, joe inspected manhole 20166 due to back up call this street has a common low flow but is flowing freely	Comple
MH 20169	1964	3/29/2016	Manhole Inspection	Razano Davis fixed	Comple
*	1965	3/29/2016	Manhole Inspection	Opened manhole Rosano Davis cleaned manhole	Comple
MH 20178	2090	4/7/2016	Manhole Inspection	Installation of bacteria unit # 6 on Meridian Ave manhole 20178	Comple
MH 20188	3022	9/12/2016	Manhole Inspection	Arrived at 2:00 pm opened manhole inspected flow street flowing freely	Comple
1	3240	10/18/2016	Documentation	Es BB arrived at location opened manhole installed wrappo ring, manhole not noisy now	Comple
MH 20210	3215	10/6/2016	Manhole Inspection	815am Es,Jc inspected manhole for information purposes for contractors line needs to be cleaned and jetted do to debris	Comple
MH 20227	2091	4/7/2016	Manhole Inspection	Installation of bacteria unit # 7 on O ST and Central Ave manhole	Comple
				20227 12:15pm ES,BB, arrived at location opened manhole direction of	
MH 20289	3199	10/4/2016	Manhole Inspection	pipe. Talked to builder who's brother did the plumbing he said he would talk to his brother and have him supply a tie card	Comple
MH 20329	2092	4/7/2016	Manhole Inspection	Installation of bacteria unit # 8	Comple
MH 20343	2089	4/7/2016	Manhole Inspection	Installation of bacteria unit #5 manhole 20343 on Ost and Beach	Comple
M1 20040	0.00000000		77525347927797778#253574553	Ave	100000000000000000000000000000000000000
-	2250	6/3/2016	Bacteria unit # 5 not priming		Comple
MH 20488	2094	4/7/2016	Manhole Inspection	Installation of bacteria unit # 10	Comple
<u> </u>	2102	4/11/2016	Loose Cover - Making sounds when driven over	Used Wrap-o-ring to secure manhole cover. Arrived at 2:00 pm opened manhole inspected flow street flowing	Comple
MH 20489	3021	9/12/2016	Manhole Inspection	freely	Comple
1	3023	9/12/2016	Manhole Inspection	Arrived at 135pm opened manhole put wrappo ring around perimeter closed lid	Comple
MH 20539	2493	6/28/2016	Manhole Inspection	Opened manhole street flowing freely, Constant Flow plumber's on site they pulled a root ball from clean out in her house system now operational	Comple
MH 20548	2492	6/28/2016	Manhole Inspection	Back up call 168 Samoset ave opened manhole inspected flow street flowing freely	Comple
MH 20562	2230	5/3/2016	Manhole Inspection	Opened manhole inspected flow street flowing freely	Comple
1	2234	5/3/2016	Summary of manhole inspection	MH 20562 flowing freely, MH 20591, found debris causing a full pipe. Heading upstream to MH 20604 observed a full channel slow flow, following to MH 20617 observed slow flow some debris	Comple
MH 20590	3402	11/18/2016	Manhole call	Arrived at location to a noisy manhole cover which was not the case it needs a tar patch cover is fine	Comple
MH 20591	2231	5/3/2016	Manhole Inspection	Opened manhole this is upstream from MH 20562 observed debris needs a pump truck or line jetting	Comple
MH 20604	2232	5/3/2016	Manhole Inspection	Opened manhole inspected flow slow flow do to downstream manhole 20591	Comple
MH 20617	2233	5/3/2016	Manhole Inspection	Opened manhole observed slow flow some debris at bottom of	Comple
	28500			manhole Inspected, Several Missing bricks	Comple
MH 20759	1679	2/18/2016	Manhole Inspection		Comple
MH 20762	1680	2/18/2016	Manhole Inspection	MH not found	
MH 20764	1661	2/18/2016	Manhole Inspection	None	Comple
MH 20765	1660	2/18/2016	Manhole Inspection	None	Comple
	1681	2/18/2016	Manhole Inspection	MH not found	Comple
MH 20766		2/18/2016	Manhole Inspection	Inspected, needs cleaning	
MH 20772	1673				
MH 20772 MH 20774	1672	2/18/2016	Manhole Inspection	Inspected, several loose bricks observed.	Comple
MH 20772 MH 20774 MH 20776	1672 1663	2/18/2016 2/18/2016	Manhole Inspection	None	Comple
MH 20772 MH 20774	1672	2/18/2016	Manhole Inspection Manhole Inspection	None Inspection of MH	Comple Comple
MH 20772 MH 20774 MH 20776	1672 1663	2/18/2016 2/18/2016	Manhole Inspection	None	Comple Comple Comple Comple
MH 20772 MH 20774 MH 20776 MH 20777	1672 1663 1676	2/18/2016 2/18/2016 2/18/2016	Manhole Inspection Manhole Inspection	None Inspection of MH	Comple Comple Comple Comple
MH 20772 MH 20774 MH 20776 MH 20777 MH 20778 MH 20779	1672 1663 1676 1686 1662	2/18/2016 2/18/2016 2/18/2016 2/18/2016 2/18/2016	Manhole Inspection Manhole Inspection Manhole Inspection Manhole Inspection	None Inspection of MH Lifted cover for inspection None	Comple Comple Comple Comple
MH 20772 MH 20774 MH 20776 MH 20777 MH 20778 MH 20779 MH 20781	1672 1663 1676 1686 1662 1671	2/18/2016 2/18/2016 2/18/2016 2/18/2016 2/18/2016 2/18/2016	Manhole Inspection Manhole Inspection Manhole Inspection Manhole Inspection Manhole Inspection	None Inspection of MH Lifted cover for inspection None Not sanitary, Drainage manhole,	Comple Comple Comple Comple Comple
MH 20772 MH 20774 MH 20776 MH 20777 MH 20778 MH 20778 MH 20781 MH 20781	1672 1663 1676 1686 1662 1671 2472	2/18/2016 2/18/2016 2/18/2016 2/18/2016 2/18/2016 2/18/2016 6/20/2016	Manhole Inspection	None Inspection of MH Lifted cover for inspection None Not sanitary. Drainage manhole. Examined manhole, Flowing freely	Comple Comple Comple Comple Comple Comple
MH 20772 MH 20774 MH 20776 MH 20777 MH 20778 MH 20779 MH 20781	1672 1663 1676 1686 1662 1671	2/18/2016 2/18/2016 2/18/2016 2/18/2016 2/18/2016 2/18/2016	Manhole Inspection Manhole Inspection Manhole Inspection Manhole Inspection Manhole Inspection	None Inspection of MH Lifted cover for inspection None Not sanitary. Drainage manhole. Examined manhole. Flowing freely Inspected manhole. Flowing freely Opened manhole inspected flow street flowing freely.	Comple Comple Comple Comple Comple Comple Comple Comple
MH 20772 MH 20774 MH 20776 MH 20776 MH 20777 MH 20778 MH 20779 MH 20781 MH 20782 MH 20788 MH 20788	1672 1663 1676 1686 1662 1671 2472 2473 1967	2/18/2016 2/18/2016 2/18/2016 2/18/2016 2/18/2016 2/18/2016 6/20/2016 6/20/2016 3/30/2016	Manhole Inspection	None Inspection of MH Lifted cover for inspection None Not sanitary. Drainage manhole, Examined manhole, Flowing freely Inspected manhole, Flowing freely	Comple Comple Comple Comple Comple Comple Comple Comple
MH 20772 MH 20774 MH 20776 MH 20777 MH 20778 MH 20779 MH 20781 MH 20782 MH 20788 MH 20788 MH 20791	1672 1663 1676 1686 1662 1671 2472 2473 1967	2/18/2016 2/18/2016 2/18/2016 2/18/2016 2/18/2016 2/18/2016 6/20/2016 6/20/2016 3/30/2016 2/18/2016	Manhole Inspection	None Inspection of MH Lifted cover for inspection None Not sanitary, Drainage manhole, Examined manhole, Flowing freely Inspected manhole, Flowing freely Opened manhole inspected flow street flowing freely, Talked to homeowner advised to call a plumber No action needed	Comple Comple Comple Comple Comple Comple Comple Comple Comple
MH 20772 MH 20774 MH 20776 MH 20776 MH 20777 MH 20778 MH 20779 MH 20781 MH 20782 MH 20788 MH 20788	1672 1663 1676 1686 1686 1662 1671 2472 2473 1967 1669	2/18/2016 2/18/2016 2/18/2016 2/18/2016 2/18/2016 2/18/2016 6/20/2016 6/20/2016 3/30/2016 2/18/2016 2/18/2016	Manhole Inspection	None Inspection of MH Lifted cover for inspection None Not sanitary, Drainage manhole. Examined manhole, Flowing freely Inspected manhole, Flowing freely Opened manhole inspected flow street flowing freely. Talked to homeowner advised to call a plumber No action needed None	Comple Comple Comple Comple Comple Comple Comple Comple Comple Comple Comple
MH 20772 MH 20774 MH 20776 MH 20777 MH 20778 MH 20779 MH 20781 MH 20782 MH 20788 MH 20788 MH 20791	1672 1663 1676 1686 1662 1671 2472 2473 1967	2/18/2016 2/18/2016 2/18/2016 2/18/2016 2/18/2016 2/18/2016 6/20/2016 6/20/2016 3/30/2016 2/18/2016	Manhole Inspection	None Inspection of MH Lifted cover for inspection None Not sanitary, Drainage manhole, Examined manhole, Flowing freely Inspected manhole, Flowing freely Opened manhole inspected flow street flowing freely. Talked to homeowner advised to call a plumber No action needed None Flowing Freely 12:00 pm opened manhole inspected flow street flowing freely.	Comple Comple Comple Comple Comple Comple Comple Comple Comple Comple Comple
MH 20772 MH 20774 MH 20776 MH 20777 MH 20778 MH 20779 MH 20781 MH 20782 MH 20788 MH 20788 MH 20791	1672 1663 1676 1686 1686 1662 1671 2472 2473 1967 1669	2/18/2016 2/18/2016 2/18/2016 2/18/2016 2/18/2016 2/18/2016 6/20/2016 6/20/2016 3/30/2016 2/18/2016 2/18/2016	Manhole Inspection	None Inspection of MH Lifted cover for inspection None Not sanitary. Drainage manhole. Examined manhole. Flowing freely Inspected manhole. Flowing freely Opened manhole inspected flow street flowing freely. Talked to homeowner advised to call a plumber No action needed None Flowing Freely 12:00 pm opened manhole inspected flow street flowing freely. Checked building took readings with Jerome advised trustees to get an inspection from the fire department, and call Alvin & Hollis to future investigate. Trustees very pleased with our information this has been going on for 2 years	Comple Comple Comple Comple Comple Comple Comple Comple Comple Comple Comple
MH 20772 MH 20774 MH 20776 MH 20776 MH 20777 MH 20778 MH 20779 MH 20781 MH 20782 MH 20782 MH 20788 MH 20791 MH 20795 MH 20796	1672 1663 1676 1686 1682 1671 2472 2473 1967 1669 1664 1859	2/18/2016 2/18/2016 2/18/2016 2/18/2016 2/18/2016 2/18/2016 6/20/2016 6/20/2016 3/30/2016 2/18/2016 3/1/2016 3/1/2016	Manhole Inspection	None Inspection of MH Lifted cover for inspection None Not sanitary. Drainage manhole. Examined manhole. Flowing freely Inspected manhole. Flowing freely Opened manhole inspected flow street flowing freely. Talked to homeowner advised to call a plumber No action needed None Flowing Freely 12:00 pm opened manhole inspected flow street flowing freely. Checked building took readings with Jerome advised trustees to get an inspection from the fire department, and call Alvin & Hollis to future investigate. Trustees very pleased with our information	Comple Comple Comple Comple Comple Comple Comple Comple Comple Comple Comple
MH 20772 MH 20774 MH 20776 MH 20777 MH 20777 MH 20778 MH 20779 MH 20781 MH 20782 MH 20782 MH 20782 MH 20795 MH 20796 MH 20796 MH 20796	1672 1663 1676 1686 1686 1662 1671 2472 2473 1967 1669 1664 1859	2/18/2016 2/18/2016 2/18/2016 2/18/2016 2/18/2016 2/18/2016 6/20/2016 6/20/2016 3/30/2016 2/18/2016 2/18/2016 3/1/2016	Manhole Inspection	None Inspection of MH Lifted cover for inspection None Not sanitary. Drainage manhole. Examined manhole. Flowing freely Inspected manhole. Flowing freely Opened manhole inspected flow street flowing freely. Talked to homeowner advised to call a plumber No action needed None Flowing Freely 12:00 pm opened manhole inspected flow street flowing freely. Checked building took readings with Jerome advised trustees to get an inspection from the fire department, and call Alvin & Hollis to future investigate. Trustees very pleased with our information this has been going on for 2 years	Comple
MH 20772 MH 20774 MH 20776 MH 20776 MH 20777 MH 20778 MH 20779 MH 20781 MH 20782 MH 20788 MH 20791 MH 20795 MH 20796	1672 1663 1676 1686 1682 1671 2472 2473 1967 1669 1664 1859	2/18/2016 2/18/2016 2/18/2016 2/18/2016 2/18/2016 2/18/2016 6/20/2016 6/20/2016 3/30/2016 2/18/2016 2/18/2016 3/1/2016	Manhole Inspection	None Inspection of MH Lifted cover for inspection None Not sanitary. Drainage manhole. Examined manhole. Flowing freely Inspected manhole. Flowing freely Opened manhole inspected flow street flowing freely. Talked to homeowner advised to call a plumber No action needed None Flowing Freely 12:00 pm opened manhole inspected flow street flowing freely, the checked building took readings with Jerome advised trustees to get an inspection from the fire department, and call Alvin & Hollis to future investigate. Trustees very pleased with our information this has been qoing on for 2 years Flowing Freely Fix riim Flowing Freely	Comple
MH 20772 MH 20774 MH 20776 MH 20777 MH 20777 MH 20778 MH 20779 MH 20781 MH 20782 MH 20782 MH 20782 MH 20795 MH 20796 MH 20796 MH 20796	1672 1663 1676 1686 1682 1671 2472 2473 1967 1669 1664 1859	2/18/2016 2/18/2016 2/18/2016 2/18/2016 2/18/2016 2/18/2016 6/20/2016 6/20/2016 3/30/2016 2/18/2016 3/1/2016 3/1/2016 3/1/2016	Manhole Inspection	None Inspection of MH Lifted cover for inspection None Not sanitary. Drainage manhole. Examined manhole. Flowing freely Inspected manhole. Flowing freely Opened manhole inspected flow street flowing freely. Talked to homeowner advised to call a plumber No action needed None Flowing Freely 12:00 pm opened manhole inspected flow street flowing freely, the folial point of the first of the first opened from the first opened flow in the first opened flow in the first opened flow in the first opened for the first	Comple
MH 20772 MH 20774 MH 20776 MH 20777 MH 20777 MH 20778 MH 2078 MH 20781 MH 20781 MH 20788 MH 20791 MH 20795 MH 20796 MH 20796	1672 1663 1676 1686 1686 1662 1671 2472 2473 1967 1669 1664 1859 2494	2/18/2016 2/18/2016 2/18/2016 2/18/2016 2/18/2016 2/18/2016 6/20/2016 6/20/2016 3/30/2016 2/18/2016 2/18/2016 3/1/2016 3/1/2016 3/1/2016 6/28/2016	Manhole Inspection	None Inspection of MH Lifted cover for inspection None Not sanitary. Drainage manhole. Examined manhole. Flowing freely Inspected manhole. Flowing freely Inspected flow street flowing freely. Opened manhole inspected flow street flowing freely. Talked to homeowner advised to call a plumber No action needed None Flowing Freely 12:00 pm opened manhole inspected flow street flowing freely. Checked building took readings with Jerome advised trustees to get an inspection from the fire department, and call Alvin & Hollis to future investigate. Trustees very pleased with our information this has been going on for 2 years Flowing Freely Fix rim Flowing Freely Spoke to trustees advised to call fire department for a building inspection, and call Alvin and Hollis plumbers to investigate further this has been going on for 2 years trustees were very pleased with our information inspection, and call Alvin and Hollis plumbers to investigate further this has been going on for 2 years trustees were very pleased with our information	Comple
MH 20772 MH 20774 MH 20776 MH 20777 MH 20777 MH 20778 MH 20779 MH 20781 MH 20782 MH 20782 MH 20782 MH 20799 MH 20799 MH 20799	1672 1663 1676 1686 1682 1671 2472 2473 1967 1669 1664 1859 2494	2/18/2016 2/18/2016 2/18/2016 2/18/2016 2/18/2016 2/18/2016 6/20/2016 6/20/2016 3/30/2016 2/18/2016 2/18/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016	Manhole Inspection	None Inspection of MH Lifted cover for inspection None Not sanitary. Drainage manhole. Examined manhole. Flowing freely Inspected manhole. Flowing freely Inspected manhole. Flowing freely Opened manhole inspected flow street flowing freely. Talked to homeowner advised to call a plumber No action needed None Flowing Freely 12:00 pm opened manhole inspected flow street flowing freely. Checked building took readings with Jerome advised trustees to get an inspection from the fire department, and call Alvin & Hollis to future investigate. Trustees very pleased with our information this has been going on for 2 years Flowing Freely Fix rim Flowing Freely Spoke to trustees advised to call fire department for a building inspection, and call Alvin and Hollis plumbers to investigate further this has been going on for 2 years trustees were very pleased with our information	Comple
MH 20772 MH 20774 MH 20776 MH 20776 MH 20777 MH 20778 MH 20778 MH 20781 MH 20782 MH 20788 MH 20786 MH 20791 MH 20796 MH 20791 MH 20800 MH 20801	1672 1663 1676 1686 1682 1671 2472 2473 1967 1669 1664 1859 2494 1857 1665 1858 2495	2/18/2016 2/18/2016 2/18/2016 2/18/2016 2/18/2016 2/18/2016 6/20/2016 6/20/2016 3/30/2016 2/18/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 2/18/2016	Manhole Inspection Manhole Inspection Manhole Inspection Manhole Inspection Manhole Inspection Manhole Inspection Manhole Inspection Manhole Inspection	None Inspection of MH Lifted cover for inspection None Not sanitary. Drainage manhole. Examined manhole. Flowing freely Inspected manhole. Flowing freely Opened manhole inspected flow street flowing freely. Talked to homeowner advised to call a plumber No action needed None Flowing Freely 12:00 pm opened manhole inspected flow street flowing freely, Checked building took readings with Jerome advised trustees to get an inspection from the fire department, and call Alvin & Hollis to future investigate. Trustees very pleased with our information this has been qoing on for 2 years Flowing Freely Fix rim Flowing Freely Spoke to trustees advised to call fire department for a building inspection, and call Alvin and Hollis plumbers to investigate further this has been going on for 2 years trustees were very pleased with our information Inspected, Several Missing bricks	Comple
MH 20772 MH 20774 MH 20776 MH 20776 MH 20777 MH 20778 MH 20778 MH 20781 MH 20782 MH 20788 MH 20786 MH 20791 MH 20796 MH 20791 MH 20800 MH 20801	1672 1663 1676 1686 1682 1671 2472 2473 1967 1669 1664 1859 2494	2/18/2016 2/18/2016 2/18/2016 2/18/2016 2/18/2016 2/18/2016 6/20/2016 6/20/2016 3/30/2016 2/18/2016 2/18/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016	Manhole Inspection	None Inspection of MH Lifted cover for inspection None Not sanitary. Drainage manhole. Examined manhole. Flowing freely Inspected manhole. Flowing freely Inspected manhole. Flowing freely Opened manhole inspected flow street flowing freely. Talked to homeowner advised to call a plumber No action needed None Flowing Freely 12:00 pm opened manhole inspected flow street flowing freely. Checked building took readings with Jerome advised trustees to get an inspection from the fire department, and call Alvin & Hollis to future investigate. Trustees very pleased with our information this has been going on for 2 years Flowing Freely Fix rim Flowing Freely Spoke to trustees advised to call fire department for a building inspection, and call Alvin and Hollis plumbers to investigate further this has been going on for 2 years trustees were very pleased with our information	Comple

2000	3	2902	8/30/2016	Night 2 set hose in manhole 20803 for discharge from station 3 and 4 by pump trucks pulling out of wetwell, for work being performed at manhole 20811 repair of pipe	Arrived at location set hose in manhole manhole 20803	Complete
1		2904	8/30/2016	Night work at manhole 20811 repair of force main discharge	Set hoses up for discharge from station 3&4	Complete
MH 20809		1966	3/30/2016	Manhole Inspection	Opened manhole inspected flow street flowing freely. Talked to homeowner advised to call a plumber	Complete
MH 20810	-	1667	2/18/2016	Manhole Inspection	Surcharged	Complete
MIT 20010	1	1693	2/19/2016	Manhole Inspection	Opened MH cleaned debris from shelves	Complete
MH 20811		1501	1/27/2016	Manhole Inspection	Opened manhole used rosano Davis to pump out debris	Complete
10011		1666	2/18/2016	Manhole Inspection	inspected manhole	Complete
		1000	2/19/2016	Manhole Inspection	corrected asset to MH 20811 from MH 20810	Complete
					-id-d-i	
		1950	7/22/2016	Manhole Inspection	since evaluation Windriver has removed corroded pipe and cameraed 44 feet and found damaged pipe [last 15 ft]. Sometime in August 2016 the last 15 ft of discharge forcemain will be slipped lined by a vendor of choice. T&B working with town to procure.	Complete
		2104	4/13/2016	Manhole Inspection	Opened manhole confined space entry procedure performed. Pressure washed from street level first then lowered worker in manhole finished pipe work then pressure washed all sides	Complete
		2131	4/29/2016	Manhole Inspection	230pm called police for street detail for 5 minutes to install a data	Complete
			5.025-471.00C-0.74.	in the state of th	logger	7.000,000
		2275	5/13/2016	Manhole Inspection	Opened manhole took pictures with GO PRO downloaded in file	Complete
		2501	6/29/2016	Manhole Inspection	Opened manhole Windriver cut pipe in 3 sections and hoisted out and removed from site, jetted line, cameraed and videoed	Complete
1	V	2903	8/30/2016	Contractors in for night work to repair 18ft of damaged force main discharge	Arrived at location, rick at station 3, john at station 4 stopped flow,began truck pumping out of wetwells and discharged in manhole 20803	Complete
MH 20812		1856	3/1/2016	Manhole Inspection	Flowing Freely	Complete
		Common Common			Opened manhole saw no restrictions in the MAIN this manhole is	
MH 20813		1502	1/27/2016	Manhole Inspection	fed by station 3,4 and hotel so 3 inlet pipes	Complete
		1668	2/18/2016	Manhole Inspection	Clran asap	Complete
MH 20815		1855	3/1/2016	Manhole Inspection	Flowing Freely	Complete
MH 20818		1670	2/18/2016	Manhole Inspection	Lifted cover inspection of MH	Complet
		1694	2/18/2016	Manhole Inspection	Cleaned debris from shelf	Complet
MH 20822		3192	10/1/2016	Manhole Inspection	Es,Rc opened manhole street flowing freely	Complete
			Access to the second		Arrived at location opened manhole street flowing freely W/O 1 of 2	Complete
		3602	12/21/2016	Manhole Inspection	see sems fot more info	Complete
MH 20824		1674	2/18/2016	Manhole Inspection	Inspection of MH	Complete
		1699	2/19/2016	Manhole Inspection	Cleaned debris from manhole	Complete
1116-010-02		1,00000	752000000000000000000000000000000000000		230pm ES,RC opened manhole 20825, line flowing freely which	And with the same
MH 20825		3190	10/1/2016	Manhole Inspection	ends up at station 4	Complete
MH 20826		1691	2/19/2016	Manhole Inspection	Clean debris from MH	Complete
MH 20827		1685	2/18/2016	Manhole Inspection	None	Complete
	7. X	1100000		ACTIVITIES AND ACTIVI	After Jetting upstream went to MH 20830 and cleaned debris on	Complete
	. 1	1689	2/19/2016	Manhole Inspection	shelf	and the same of the same of
MH 20828	2	1675	2/18/2016	Manhole Inspection	Inspection of MH	Complete
	2	1701	2/19/2016	Manhole Inspection	Opened manhole cleaned debris from shelves	Complete
MH 20829	1	1682	2/18/2016	Manhole Inspection	Jet debris	Complete
		1692	2/19/2016	Manhole Inspection	Inspection of manhole flowing freely	Complete
	0	1702	2/19/2016	Manhole Inspection	Opened manhole cleaned debris from shelves	Complete
MH 20830	>	1684	2/18/2016	Manhole Inspection	Jet line	Complete
		1690	2/19/2016	Manhole Inspection	Jetted line then cleaned debris now flowing freely	Complete
MH 20831	V	1683	2/18/2016	Manhole Inspection	Jet debris	Complete
	- N =	1703	2/19/2016	Manhole Inspection	Opened manhole cleaned debris from shelves Checked Manhole 20863. Flowing freely. No grinder pump on	Complete
MH 20863		2333	5/29/2016	20 Wyola Road.	property or that side of street for any house. Advised homeowner to call plumber.	Complete
		2335	5/29/2016	Manhole Inspection	Flowing Freely	Complete
				100000000000000000000000000000000000000	8am Es,Jc inspected manhole for information purposes for	
MH 20880	- 1	3214	10/6/2016	Manhole Inspection	contractors line to be cleaned and jetted and 2 others upstream on	Complete
				A 100 Marian 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	contractors line to be cleaned and jetted and 2 others upstream on same line	
MH 20910		2715	7/26/2016	Manhole Inspection and Sulfide Inspection	contractors line to be cleaned and jetted and 2 others upstream on same line Opened manhole inspected flow street flowing freely	Complete
				Manhole Inspection and Sulfide Inspection Manhole Inspection	contractors line to be cleaned and jetted and 2 others upstream on same line	Complete
MH 20910 MH 20935		2715	7/26/2016	Manhole Inspection and Sulfide Inspection Manhole Inspection Manhole Cover non-existent. Located on corner of	contractors line to be cleaned and jetted and 2 others upstream on same line Opened manhole inspected flow street flowing freely	Complete
MH 20910 MH 20935 MH 20943		2715 1886 1894	7/26/2016 3/3/2016 3/3/2016	Manhole Inspection and Sulfide Inspection Manhole Inspection Manhole Cover non-existent. Located on corner of Meade Ave and Atlantic Ave	contractors line to be cleaned and jetted and 2 others upstream on same line Opened manhole inspected flow street flowing freely Flowing Properly, Dirt / Debris on Valley Beach Ave. lateral Documentation	Complete Complete Complete
MH 20910 MH 20935 MH 20943 MH 20946		2715 1886 1894 1885	7/26/2016 3/3/2016 3/3/2016 3/3/2016	Manhole Inspection and Sulfide Inspection Manhole Inspection Manhole Cover non-existent. Located on corner of Meade Ave and Atlantic Ave Manhole Inspection	contractors line to be cleaned and jetted and 2 others upstream on same line Opened manhole inspected flow street flowing freely Flowing Properly. Dirt / Debris on Valley Beach Ave. lateral Documentation Flowing Freely	Complete Complete Complete
MH 20910 MH 20935 MH 20943 MH 20946 MH 20947	1	2715 1886 1894 1885 1884	7/26/2016 3/3/2016 3/3/2016 3/3/2016 3/3/2016	Manhole Inspection and Sulfide Inspection Manhole Inspection Manhole Cover non-existent. Located on corner of Meade Ave and Atlantic Ave Manhole Inspection Manhole Inspection	contractors line to be cleaned and jetted and 2 others upstream on same line Opened manhole inspected flow street flowing freely Flowing Properly, Dirt / Debris on Valley Beach Ave. lateral Documentation Flowing Freely Flowing Freely See sems W/O for details, after pumping out overflowing manhole	Complete Complete Complete Complete
MH 20910 MH 20935 MH 20943 MH 20946	1	2715 1886 1894 1885	7/26/2016 3/3/2016 3/3/2016 3/3/2016	Manhole Inspection and Sulfide Inspection Manhole Inspection Manhole Cover non-existent. Located on corner of Meade Ave and Atlantic Ave Manhole Inspection	contractors line to be cleaned and jetted and 2 others upstream on same line Opened manhole inspected flow street flowing freely Flowing Property. Dirt / Debris on Valley Beach Ave. lateral Documentation Flowing Freely Flowing Freely See sems W/O for details, after pumping out overflowing manhole Rosano Davis jetted from unmapped manhole north to manhole 20953	Complete Complete Complete Complete
MH 20910 MH 20935 MH 20943 MH 20946 MH 20947	1	2715 1886 1894 1885 1884	7/26/2016 3/3/2016 3/3/2016 3/3/2016 3/3/2016	Manhole Inspection and Sulfide Inspection Manhole Inspection Manhole Cover non-existent. Located on corner of Meade Ave and Atlantic Ave Manhole Inspection Manhole Inspection	contractors line to be cleaned and jetted and 2 others upstream on same line Opened manhole inspected flow street flowing freely Flowing Properly. Dirt / Debris on Valley Beach Ave. lateral Documentation Flowing Freely Flowing Freely See sems W/O for details, after pumping out overflowing manhole Rosano Davis jetted from unmapped manhole north to manhole 20953 9am to 130pm jetted 5 manholes in this area see sems W/O for details	Complete Complete Complete Complete Complete Complete
MH 20910 MH 20935 MH 20943 MH 20946 MH 20947 MH 20953	thed >	2715 1886 1894 1885 1884 3590	7/26/2016 3/3/2016 3/3/2016 3/3/2016 3/3/2016 12/19/2016	Manhole Inspection and Sulfide Inspection Manhole Inspection Manhole Cover non-existent. Located on corner of Meade Ave and Atlantic Ave Manhole Inspection Manhole Inspection Manhole Inspection	contractors line to be cleaned and jetted and 2 others upstream on same line Opened manhole inspected flow street flowing freely Flowing Properly, Dirt / Debris on Valley Beach Ave. lateral Documentation Flowing Freely Flowing Freely See sems W/O for details, after pumping out overflowing manhole Rosano Davis jetted from unmapped manhole north to manhole 20953 9am to 130pm jetted 5 manholes in this area see sems W/O for	Complete Complete Complete Complete Complete Complete Complete Complete Complete
MH 20910 MH 20935 MH 20943 MH 20946 MH 20947 MH 20953 MH 20956 MH 20957	Jetted >	2715 1886 1894 1885 1884 3590 3591 3592	7/26/2016 3/3/2016 3/3/2016 3/3/2016 3/3/2016 12/19/2016 12/19/2016 12/19/2016	Manhole Inspection and Sulfide Inspection Manhole Inspection Manhole Cover non-existent. Located on corner of Meade Ave and Atlantic Ave Manhole Inspection Manhole Inspection Manhole Inspection Manhole Inspection Manhole Inspection Manhole Inspection	contractors line to be cleaned and jetted and 2 others upstream on same line Opened manhole inspected flow street flowing freely Flowing Properly. Dirt / Debris on Valley Beach Ave. lateral Documentation Flowing Freely Flowing Freely See sems W/O for details, after pumping out overflowing manhole Rosano Davis jetted from unmapped manhole north to manhole 20953 9am to 130pm jetted 5 manholes in this area see sems W/O for details Eric Jody Rosano Davis on site jetted and cleaned manhole 20957 from 20958 line now flowing freely see sems W/O for details W/O 5 of 6 Manhole 20958 was the final cleaning of lines cleaned minor debris but kept going down stream until satisfied line flowing freely	Complete Complete Complete Complete Complete Complete Complete Complete Complete
MH 20910 MH 20935 MH 20943 MH 20946 MH 20947 MH 20953 MH 20956 MH 20957 MH 20958	Jethed >	2715 1886 1894 1885 1884 3590 3591 3592 3593	7/26/2016 3/3/2016 3/3/2016 3/3/2016 3/3/2016 12/19/2016 12/19/2016 12/19/2016	Manhole Inspection and Sulfide Inspection Manhole Inspection Manhole Cover non-existent. Located on corner of Meade Ave and Atlantic Ave Manhole Inspection Manhole Inspection Manhole Inspection Manhole Inspection Manhole Inspection Manhole Inspection	contractors line to be cleaned and jetted and 2 others upstream on same line Opened manhole inspected flow street flowing freely Flowing Properly, Dirt / Debris on Valley Beach Ave. lateral Documentation Flowing Freely Flowing Freely See sems W/O for details, after pumping out overflowing manhole Rosano Davis jetted from unmapped manhole north to manhole 20953 9am to 130pm jetted 5 manholes in this area see sems W/O for details Eric Jody Rosano Davis on site jetted and cleaned manhole 20957 from 20958 line now flowing freely see sems W/O for details W/O 5 of 6 Manhole 20958 was the final cleaning of lines cleaned minor debris but kept going down stream until satisfied line flowing freely Opened manhole for flow system flowing freely	Complete
MH 20910 MH 20935 MH 20943 MH 20946 MH 20947 MH 20953 MH 20956 MH 20957	Jetted >	2715 1886 1894 1885 1884 3590 3591 3592 3593 1433 1609	7/26/2016 3/3/2016 3/3/2016 3/3/2016 3/3/2016 12/19/2016 12/19/2016 12/19/2016 12/19/2016 12/19/2016 2/16/2016	Manhole Inspection and Sulfide Inspection Manhole Cover non-existent. Located on corner of Meade Ave and Atlantic Ave Manhole Inspection	contractors line to be cleaned and jetted and 2 others upstream on same line Opened manhole inspected flow street flowing freely Flowing Properly, Dirt / Debris on Valley Beach Ave. lateral Documentation Flowing Freely Flowing Freely See sems W/O for details, after pumping out overflowing manhole Rosano Davis jetted from unmapped manhole north to manhole 20953 9am to 130pm jetted 5 manholes in this area see sems W/O for details Eric Jody Rosano Davis on site jetted and cleaned manhole 20957 from 20958 line now flowing freely see sems W/O for details W/O 5 of 6 Manhole 20958 was the final cleaning of lines cleaned minor debris but kept going down stream until satisfied line flowing freely Opened manhole for flow system flowing freely No issues	Complete
MH 20910 MH 20935 MH 20943 MH 20946 MH 20947 MH 20953 MH 20956 MH 20957 MH 20958 MH 20958 MH 20959	Jetted >	2715 1886 1894 1885 1884 3590 3591 3592 3593 1433 1609 1610	7/26/2016 3/3/2016 3/3/2016 3/3/2016 3/3/2016 12/19/2016 12/19/2016 12/19/2016 12/19/2016 2/16/2016 2/16/2016	Manhole Inspection and Sulfide Inspection Manhole Cover non-existent. Located on corner of Meade Ave and Atlantic Ave Manhole Inspection Manhole Inspection Manhole Inspection Manhole Inspection Manhole Inspection Manhole Inspection	contractors line to be cleaned and jetted and 2 others upstream on same line Opened manhole inspected flow street flowing freely Flowing Properly. Dirt / Debris on Valley Beach Ave. lateral Documentation Flowing Freely Flowing Freely See sems W/O for details, after pumping out overflowing manhole Rosano Davis jetted from unmapped manhole north to manhole 20953 9am to 130pm jetted 5 manholes in this area see sems W/O for details Eric Jody Rosano Davis on site jetted and cleaned manhole 20957 from 20958 line now flowing freely see sems W/O for details W/O 5 of 6 Manhole 20958 was the final cleaning of lines cleaned minor debris but kept going down stream until satisfied line flowing freely Opened manhole for flow system flowing freely No issues Clean sand & gravel, salinity 9.5	Complete
MH 20910 MH 20935 MH 20943 MH 20946 MH 20947 MH 20953 MH 20956 MH 20957 MH 20958 MH 20959 MH 20950 MH 20961	Jethed >	2715 1886 1894 1885 1884 3590 3591 3592 3593 1433 1609 1610 1866	7/26/2016 3/3/2016 3/3/2016 3/3/2016 3/3/2016 12/19/2016 12/19/2016 12/19/2016 12/19/2016 2/16/2016 2/16/2016 2/16/2016	Manhole Inspection and Sulfide Inspection Manhole Cover non-existent. Located on corner of Meade Ave and Atlantic Ave Manhole Inspection	contractors line to be cleaned and jetted and 2 others upstream on same line Opened manhole inspected flow street flowing freely Flowing Properly, Dirt / Debris on Valley Beach Ave. lateral Documentation Flowing Freely Flowing Freely See sems W/O for details, after pumping out overflowing manhole Rosano Davis jetted from unmapped manhole north to manhole 20953 9am to 130pm jetted 5 manholes in this area see sems W/O for details Eric Jody Rosano Davis on site jetted and cleaned manhole 20957 from 20958 line now flowing freely see sems W/O for details W/O 5 of 6 Manhole 20958 was the final cleaning of lines cleaned minor debris but kept going down stream until satisfied line flowing freely Opened manhole for flow system flowing freely No issues Clean sand & gravel, salinity 9.5 Jetted manhole cleaned debris camera line	Complete
MH 20910 MH 20935 MH 20943 MH 20946 MH 20947 MH 20953 MH 20956 MH 20957 MH 20958 MH 20958 MH 20959	Jethed >	2715 1886 1894 1885 1884 3590 3591 3592 3593 1433 1609 1610	7/26/2016 3/3/2016 3/3/2016 3/3/2016 3/3/2016 12/19/2016 12/19/2016 12/19/2016 12/19/2016 2/16/2016 2/16/2016	Manhole Inspection and Sulfide Inspection Manhole Cover non-existent. Located on corner of Meade Ave and Atlantic Ave Manhole Inspection Manhole Inspection Manhole Inspection Manhole Inspection Manhole Inspection Manhole Inspection	contractors line to be cleaned and jetted and 2 others upstream on same line Opened manhole inspected flow street flowing freely Flowing Properly, Dirt / Debris on Valley Beach Ave. lateral Documentation Flowing Freely Flowing Freely See sems W/O for details, after pumping out overflowing manhole Rosano Davis jetted from unmapped manhole north to manhole 20953 9am to 130pm jetted 5 manholes in this area see sems W/O for details Eric Jody Rosano Davis on site jetted and cleaned manhole 20957 from 20958 line now flowing freely see sems W/O for details W/O 5 of 6 Manhole 20956 was the final cleaning of lines cleaned minor debris but kept going down stream until satisfied line flowing freely Opened manhole for flow system flowing freely No issues Clean sand & gravel, salinity 9.5 Jetted manhole cleaned debris camera line eric and windriver jetted claened debris of this area	Complet
MH 20910 MH 20935 MH 20943 MH 20946 MH 20947 MH 20953 MH 20956 MH 20957 MH 20958 MH 20959 MH 20950 MH 20961	Jetted >	2715 1886 1894 1885 1884 3590 3591 3592 3593 1433 1609 1610 1866 1697	7/26/2016 3/3/2016 3/3/2016 3/3/2016 3/3/2016 12/19/2016 12/19/2016 12/19/2016 12/19/2016 12/19/2016 2/16/2016 2/16/2016 2/29/2016 3/7/2016	Manhole Inspection and Sulfide Inspection Manhole Cover non-existent. Located on corner of Meade Ave and Atlantic Ave Manhole Inspection Manhole Inspection Manhole Inspection Manhole Inspection Manhole Inspection Manhole Inspection Manhole Inspection Manhole Inspection Manhole Inspection Manhole Inspection Manhole Inspection Manhole Inspection Manhole Inspection Manhole Inspection Manhole Inspection Manhole Inspection Manhole Inspection Manhole Inspection	contractors line to be cleaned and jetted and 2 others upstream on same line Opened manhole inspected flow street flowing freely Flowing Properly. Dirt / Debris on Valley Beach Ave. lateral Documentation Flowing Freely Flowing Freely See sems W/O for details, after pumping out overflowing manhole Rosano Davis jetted from unmapped manhole north to manhole 20953 9am to 130pm jetted 5 manholes in this area see sems W/O for details Eric Jody Rosano Davis on site jetted and cleaned manhole 20957 from 20958 line now flowing freely see sems W/O for details W/O 5 of 6 Manhole 20958 was the final cleaning of lines cleaned minor debris but kept going down stream until satisfied line flowing freely Opened manhole for flow system flowing freely No issues Clean sand & gravel, salinity 9.5 Jetted manhole cleaned debris camera line eric and windriver jetted manholes cleaned debris of this area eric and windriver jetted manholes cleaned debris of this area	Complet
MH 20910 MH 20935 MH 20943 MH 20946 MH 20947 MH 20953 MH 20956 MH 20957 MH 20958 MH 20959 MH 20950 MH 20961	7	2715 1886 1894 1885 1884 3590 3591 3592 3593 1433 1609 1610 1866	7/26/2016 3/3/2016 3/3/2016 3/3/2016 3/3/2016 12/19/2016 12/19/2016 12/19/2016 12/19/2016 2/16/2016 2/16/2016 2/16/2016	Manhole Inspection and Sulfide Inspection Manhole Cover non-existent. Located on corner of Meade Ave and Atlantic Ave Manhole Inspection	contractors line to be cleaned and jetted and 2 others upstream on same line Opened manhole inspected flow street flowing freely Flowing Properly, Dirt / Debris on Valley Beach Ave. lateral Documentation Flowing Freely Flowing Freely See sems W/O for details, after pumping out overflowing manhole Rosano Davis jetted from unmapped manhole north to manhole 20953 9am to 130pm jetted 5 manholes in this area see sems W/O for details Eric Jody Rosano Davis on site jetted and cleaned manhole 20957 from 20958 line now flowing freely see sems W/O for details W/O 5 of 6 Manhole 20958 was the final cleaning of lines cleaned minor debris but kept going down stream until satisfied line flowing freely Opened manhole for flow system flowing freely No issues Clean sand & gravel, salinity 9.5 Jetted manhole cleaned debris camera line eric and windriver jetted claened debris of this area eric and windriver jetted claened debris of this area Jetted manhole cleaned debris camera line	Complet
MH 20910 MH 20935 MH 20943 MH 20946 MH 20947 MH 20953 MH 20956 MH 20957 MH 20958 MH 20959 MH 20950 MH 20961	Les Jetted	2715 1886 1894 1885 1884 3590 3591 3592 3593 1433 1609 1610 1866 1697	7/26/2016 3/3/2016 3/3/2016 3/3/2016 3/3/2016 12/19/2016 12/19/2016 12/19/2016 12/19/2016 12/19/2016 2/16/2016 2/16/2016 2/29/2016 3/7/2016	Manhole Inspection and Sulfide Inspection Manhole Cover non-existent. Located on corner of Meade Ave and Atlantic Ave Manhole Inspection	contractors line to be cleaned and jetted and 2 others upstream on same line Opened manhole inspected flow street flowing freely Flowing Properly. Dirt / Debris on Valley Beach Ave. lateral Documentation Flowing Freely Flowing Freely Flowing Freely See sems W/O for details, after pumping out overflowing manhole Rosano Davis jetted from unmapped manhole north to manhole 20953 9am to 130pm jetted 5 manholes in this area see sems W/O for details Eric Jody Rosano Davis on site jetted and cleaned manhole 20957 from 20958 line now flowing freely see sems W/O for details W/O 5 of 6 Manhole 20958 was the final cleaning of lines cleaned minor debris but kept going down stream until satisfied line flowing freely Opened manhole for flow system flowing freely No issues Clean sand & gravel, salinity 9.5 Jetted manhole cleaned debris camera line eric and windriver jetted manholes cleaned debris of this area eric and windriver jetted manholes cleaned debris of this area Jetted manhole cleaned debris camera line	Complet
MH 20910 MH 20935 MH 20943 MH 20946 MH 20947 MH 20953 MH 20956 MH 20957 MH 20958 MH 20959 MH 20960 MH 20962	7	2715 1886 1894 1885 1884 3590 3591 3592 3593 1433 1609 1610 1866 1697 1867	7/26/2016 3/3/2016 3/3/2016 3/3/2016 3/3/2016 12/19/2016 12/19/2016 12/19/2016 12/19/2016 12/19/2016 2/16/2016 2/16/2016 2/16/2016 3/7/2016 3/1/2016 3/3/2016 3/3/2016	Manhole Inspection and Sulfide Inspection Manhole Cover non-existent. Located on corner of Meade Ave and Atlantic Ave Manhole Inspection	contractors line to be cleaned and jetted and 2 others upstream on same line Opened manhole inspected flow street flowing freely Flowing Properly, Dirt / Debris on Valley Beach Ave. lateral Documentation Flowing Freely Flowing Freely See sems W/O for details, after pumping out overflowing manhole Rosano Davis jetted from unmapped manhole north to manhole 20953 9am to 130pm jetted 5 manholes in this area see sems W/O for details Eric Jody Rosano Davis on site jetted and cleaned manhole 20957 from 20958 line now flowing freely see sems W/O for details W/O 5 of 6 Manhole 20958 was the final cleaning of lines cleaned minor debris but kept going down stream until satisfied line flowing freely Opened manhole for flow system flowing freely No issues Clean sand & gravel, salinity 9.5 Jetted manhole cleaned debris camera line eric and windriver jetted claened debris of this area Jetted manhole cleaned debris camera line Jetted manhole cleaned debris of sand and stones now line flowing freely Jetted manhole 20963 to 20965 cleaned debris of sand and stones now line flowing freely	Complete
MH 20910 MH 20935 MH 20943 MH 20946 MH 20947 MH 20953 MH 20956 MH 20957 MH 20959 MH 20959 MH 20960 MH 20962	7	2715 1886 1894 1885 1884 3590 3591 3592 3593 1433 1609 1610 1866 1697 1867	7/26/2016 3/3/2016 3/3/2016 3/3/2016 3/3/2016 12/19/2016 12/19/2016 12/19/2016 12/19/2016 2/16/2016 2/16/2016 2/16/2016 3/7/2016 3/1/2016 3/3/2016	Manhole Inspection and Sulfide Inspection Manhole Cover non-existent. Located on corner of Meade Ave and Atlantic Ave Manhole Inspection	contractors line to be cleaned and jetted and 2 others upstream on same line Opened manhole inspected flow street flowing freely Flowing Properly, Dirt / Debris on Valley Beach Ave. lateral Documentation Flowing Freely Flowing Freely See sems W/O for details, after pumping out overflowing manhole Rosano Davis jetted from unmapped manhole north to manhole 20953 9am to 130pm jetted 5 manholes in this area see sems W/O for details Eric Jody Rosano Davis on site jetted and cleaned manhole 20957 from 20958 line now flowing freely see sems W/O for details W/O 5 of 6 Manhole 20958 was the final cleaning of lines cleaned minor debris but kept going down stream until satisfied line flowing freely Opened manhole for flow system flowing freely No issues Clean sand & gravel, salinity 9.5 Jetted manhole cleaned debris of this area eric and windriver jetted claened debris of this area Jetted manhole cleaned debris camera line Jetted manhole cleaned debris of sand and stones now line flowing freely Jetted manhole cleaned debris of sand and stones now line flowing freely	Complete Complete Complete Complete Complete Complete Complete Complete Complete
MH 20910 MH 20935 MH 20943 MH 20946 MH 20947 MH 20953 MH 20956 MH 20957 MH 20958 MH 20959 MH 20960 MH 20962	7	2715 1886 1894 1885 1884 3590 3591 3592 3593 1433 1609 1610 1866 1697 1867	7/26/2016 3/3/2016 3/3/2016 3/3/2016 3/3/2016 12/19/2016 12/19/2016 12/19/2016 12/19/2016 12/19/2016 2/16/2016 2/16/2016 2/16/2016 3/7/2016 3/1/2016 3/3/2016 3/3/2016	Manhole Inspection and Sulfide Inspection Manhole Cover non-existent. Located on corner of Meade Ave and Atlantic Ave Manhole Inspection	contractors line to be cleaned and jetted and 2 others upstream on same line Opened manhole inspected flow street flowing freely Flowing Properly, Dirt / Debris on Valley Beach Ave. lateral Documentation Flowing Freely Flowing Freely See sems W/O for details, after pumping out overflowing manhole Rosano Davis jetted from unmapped manhole north to manhole 20953 9am to 130pm jetted 5 manholes in this area see sems W/O for details Eric Jody Rosano Davis on site jetted and cleaned manhole 20957 from 20958 line now flowing freely see sems W/O for details W/O 5 of 6 Manhole 20958 was the final cleaning of lines cleaned minor debris but kept going down stream until satisfied line flowing freely Opened manhole for flow system flowing freely No issues Clean sand & gravel, salinity 9.5 Jetted manhole cleaned debris camera line eric and windriver jetted claened debris of this area Jetted manhole cleaned debris camera line Jetted manhole cleaned debris of sand and stones now line flowing freely Jetted manhole 20963 to 20965 cleaned debris of sand and stones now line flowing freely	Complete



	A	1617	2/16/2016	Manhole Inspection	None At this manhole 20965 to 20967 we had to work both ends to clear	Completed
		1869	3/1/2016	Manhole Inspection	the line	Completed
		1907	3/3/2016	Manhole Inspection	Jetted manhole camera line now flowing freely	Completed
MH 20966		1606	2/1/2016	Manhole inspection - debris in the channel needs to be		Completed
1011075-7350		1608	2/16/2016	jetted, Manhole Inspection	Debris in channel	Completed
		1864	3/1/2016	Manhole Inspection	Jetted manhole cleaned and camera line	Completed
MH 20967		1607	2/1/2016	Manhole has to be cleaned from dirt and debris flow not		Completed
1111 20001	î	D4/80/	7,729,789,789	normal Manhala Inspension	Clean sand & gravel, salinity 9.5	Completed
,	1	1611	2/16/2016	Manhole Inspection	At MH 20967 and 20965 the line was heavily clogged and had to	
		1868	3/1/2016	Manhole Inspection	work both manholes to free debris	Completed
		1870	2/29/2016	Manhole Inspection	Jetted manhole cleaned heavy debris of sand and stones partial	Completed
MH 20968		11.00	-51109/2004	Manhole Inspection	camera of line	Completed
		1603	6/2/2016	Manhole has been moved by the storm February 8th		
V		1619	2/1/2016	and is missing a hunk of riser and rim of cover		Completed
		1626	2/21/2016	Manhole Inspection		Completed
	13	1696	2/19/2016	Manhole Inspection	Clean manhole of dirt sand and stones Saw Hub Construction repairing manhole took documentation	Completed
1	V	1713	2/23/2016	Manhole Inspection	pictures	Completed
V		1860	3/1/2016	Manhole Inspection	Paved manhole	Completed
		1862	3/1/2016	Manhole Inspection	Jetted manhole cleaned +camera line ,now flowing freely	Completed
MH 20969	0	1602	2/1/2016	Manhole has been moved by ocean water, and has misaligned riser to the well pit,		Completed
City out Manager City	2	1604	2/21/2016	Manhole Inspection		Completed
		1695	2/19/2016	Manhole Inspection	Removed cover cleaned debris	Completed
		1861	2/29/2016	Manhole Inspection	Paved manhole	Completed
		1863	2/1/2016	Manhole Inspection	Jetted manhole 20969 to 20966	Completed
MH 20971		1612	2/16/2016	Manhole Inspection Manhole inspection of Atlantic ave. Near station 1	Backed up abit	Completed
MH 20072		1613	2/1/2016	shows that dirt and debris clogging the channel flow		Completed
MH 20972	VI	1013	2/1/2010	lower than normal		NT-7/10007553
	0	1615	2/16/2016	Manhole Inspection	None	Completed
MH 20977		2082	4/6/2016	Manhole Inspection	4/5/16 arrival 130pm departure 530pm manhole was flowing freely, possible clog was a line that sweeps upstream from this manhole. After jetting added dye see picture, advised homeowner to call plumber, then call to let us how he made out	Completed
00	OR	2117	4/21/2016	Odor Complaint, Says sewer smell coming from manhole	Pulled Manhole cover. No smell detected by nose or H2S meter. Put wrap-o-ring to secure cover. Manhole Flowing freely	Completed
MH 20978	-	2093	4/7/2016	Manhole Inspection	Installation of bacteria unit # 9 in manhole 20978	Completed
MH 20982		3269	10/28/2016	Manhole Inspection	With JB, flows toward MH20985	Completed
MH 20985		3270	10/28/2016	Manhole Inspection	With JB,inspect	Completed
Portable Electric Pump		1458	1/9/2016	Need piping & fittings for in-line post use drain		Completed Completed
PS #1 GridBee Aerato	r	2637	6/29/2016 1/13/2016	Install GridBee Aerator PS #1 Inspection - Monthly		Completed
PS 1	_	1185 1362	2/1/2016	PS #1 Inspection - Monthly		Completed
		1537	3/21/2016	PS #1 Inspection - Monthly		Completed
		1780	4/14/2016	PS #1 Inspection - Monthly		Completed
		2006	5/4/2016	PS #1 Inspection - Monthly		Completed
		2163	6/1/2016	PS #1 Inspection - Monthly		Completed Completed
	-	2368 2542	7/1/2016 8/4/2016	PS #1 Inspection - Monthly PS #1 Inspection - Monthly		Completed
	-	2758	9/1/2016	PS #1 Inspection - Monthly		Completed
	-	2848	8/14/2016	Power failure	Contacted Hull light and monitored station	Completed
		2932	10/1/2016	PS #1 Inspection - Monthly		Completed
		3101		PS #1 Inspection - Monthly		Completed
,			11/7/2016			- outilpiotes
		3212	11/7/2016	Inspection of lower level during station checks noticed		Completed
		3212	10/1/2016	a 1" of water on floor	Webuell Inspected Debris level estimated at 7%	Completed
DS 1 Building		3304	10/1/2016 12/29/2016	a 1" of water on floor PS #1 Inspection - Monthly	Wetwell Inspected. Debris level estimated at 7% Mike K, replaced vinyl siding	Completed Completed
PS 1 Building			10/1/2016	a 1" of water on floor	Mike K. replaced vinyl siding Installed safety chains and fixed hand rails	Completed Completed Completed
PS 1 Building		3304 1047	10/1/2016 12/29/2016 10/24/2016	a 1" of water on floor PS #1 Inspection - Monthly Vinyl Siding falling off Safety audit action item Floor Grating	Mike K. replaced vinyl siding Installed safety chains and fixed hand rails completed task from safety audit item #6	Completed Completed
V		3304 1047 1938 2220	10/1/2016 12/29/2016 10/24/2016 3/16/2016 5/3/2016	a 1" of water on floor PS #1 Inspection - Monthly Vinyl Siding falling off Safety audit action item Floor Grating Brought trash pump to station due to weather and pump	Mike K. replaced vinyl siding Installed safety chains and fixed hand rails completed task from safety audit item #6 Eric + John brought trash pump to station for bypass in case of	Completed Completed Completed
PS 1 By-Pass System	1	3304 1047 1938 2220 3546	10/1/2016 12/29/2016 10/24/2016 3/16/2016 5/3/2016 12/6/2016	a 1" of water on floor PS #1 inspection - Monthly Vinyl Siding falling off Safety audit action item Floor Grating Brought trash pump to station due to weather and pump #1 was removed for repair for the night	Mike K. replaced vinyl siding Installed safety chains and fixed hand rails completed task from safety audit item #6	Completed Completed Completed Completed Completed Completed
V	1	3304 1047 1938 2220 3546 1192	10/1/2016 12/29/2016 10/24/2016 3/16/2016 5/3/2016 12/6/2016	a 1" of water on floor PS #1 Inspection - Monthly Vinyl Siding falling off Safety audit action item Floor Grating Brought trash pump to station due to weather and pump #1 was removed for repair for the night PS #1 Generator Inspection and Test - Weekly	Mike K. replaced vinyl siding Installed safety chains and fixed hand rails completed task from safety audit item #6 Eric + John brought trash pump to station for bypass in case of	Completed Completed Completed Completed Completed
PS 1 By-Pass System	1	3304 1047 1938 2220 3546	10/1/2016 12/29/2016 10/24/2016 3/16/2016 5/3/2016 12/6/2016	a 1" of water on floor PS #1 inspection - Monthly Vinyl Siding falling off Safety audit action item Floor Grating Brought trash pump to station due to weather and pump #1 was removed for repair for the night	Mike K. replaced vinyl siding Installed safety chains and fixed hand rails completed task from safety audit item #6 Eric + John brought trash pump to station for bypass in case of any issues while pump 1 was at shop for repairs	Completed
PS 1 By-Pass System	1	3304 1047 1938 2220 3546 1192 1193	10/1/2016 12/29/2016 10/24/2016 3/16/2016 5/3/2016 12/6/2016 1/5/2016 1/13/2016	a 1" of water on floor PS #1 Inspection - Monthly Vinyl Siding falling off Safety audit action item Floor Grating Brought trash pump to station due to weather and pump #1 was removed for repair for the night PS #1 Generator Inspection and Test - Weekly PS #1 Generator Inspection and Test - Weekly	Mike K. replaced vinyl siding Installed safety chains and fixed hand rails completed task from safety audit item #6 Eric + John brought trash pump to station for bypass in case of any issues while pump 1 was at shop for repairs	Completed Completed Completed Completed Completed Completed Completed Completed
PS 1 By-Pass System	1	3304 1047 1938 2220 3546 1192 1193 1194	10/1/2016 12/29/2016 10/24/2016 3/16/2016 5/3/2016 12/6/2016 1/5/2016 1/13/2016 1/19/2016	a 1" of water on floor PS #1 Inspection - Monthly Vinyl Siding falling off Safety audit action item Floor Grating Brought trash pump to station due to weather and pump #1 was removed for repair for the night PS #1 Generator Inspection and Test - Weekly PS #1 Generator Inspection and Test - Weekly PS #1 Generator Inspection and Test - Weekly	Mike K. replaced vinyl siding Installed safety chains and fixed hand rails completed task from safety audit item #6 Eric + John brought trash pump to station for bypass in case of any issues while pump 1 was at shop for repairs	Completed
PS 1 By-Pass System	1	3304 1047 1938 2220 3546 1192 1193 1194 1195	10/1/2016 12/29/2016 10/24/2016 3/16/2016 5/3/2016 12/6/2016 1/5/2016 1/13/2016 1/13/2016 1/19/2016 1/19/2016	a 1" of water on floor PS #1 Inspection - Monthly Vinyl Siding falling off Safety audit action item Floor Grating Brought trash pump to station due to weather and pump #1 was removed for repair for the night PS #1 Generator Inspection and Test - Weekly PS #1 Generator Inspection and Test - Monthly PS #1 Generator Inspection and Test - Monthly	Mike K, replaced vinyl siding Installed safety chains and fixed hand rails completed task from safety audit item #6 Eric + John brought trash pump to station for bypass in case of any issues while pump 1 was at shop for repairs Power loss. Generator ran for 4 hours on 1/10/16 Load test today, engine rpm speeding up and down to much, suspect that the governor is not functioning correctly, made the transfer switch disconnect to line power , needs to be looked at!	Completed
PS 1 By-Pass System	1	3304 1047 1938 2220 3546 1192 1193 1194 1195 1196	10/1/2016 12/29/2016 10/24/2016 3/16/2016 5/3/2016 12/6/2016 1/5/2016 1/13/2016 1/19/2016 1/26/2016 1/5/2016 2/1/2016	a 1" of water on floor PS #1 Inspection - Monthly Vinyl Siding falling off Safety audit action item Floor Grating Brought trash pump to station due to weather and pump #1 was removed for repair for the night PS #1 Generator Inspection and Test - Weekly PS #1 Generator Inspection and Test - Monthly PS #1 Generator Inspection and Load Test - Monthly PS #1 Generator Inspection and Load Test - Monthly PS #1 Generator Inspection and Load Test - Monthly	Mike K. replaced vinyl siding Installed safety chains and fixed hand rails completed task from safety audit item #6 Eric + John brought trash pump to station for bypass in case of any issues while pump 1 was at shop for repairs Power loss. Generator ran for 4 hours on 1/10/16 Load test today, engine rpm speeding up and down to much, suspect that the governor is not functioning correctly, made the transfer switch disconnect to line power , needs to be looked at! Generator Run No Load	Completed
PS 1 By-Pass System	1	3304 1047 1938 2220 3546 1192 1193 1194 1195 1196	10/1/2016 12/29/2016 10/24/2016 3/16/2016 5/3/2016 12/6/2016 1/5/2016 1/13/2016 1/19/2016 1/5/2016 1/5/2016 2/1/2016 2/1/2016 2/1/2016	a 1" of water on floor PS #1 Inspection - Monthly Vinyl Stiding falling off Safety audit action item Floor Grating Brought trash pump to station due to weather and pump #1 was removed for repair for the night PS #1 Generator Inspection and Test - Weekly PS #1 Generator Inspection and Load Test - Monthly PS #1 Generator Inspection and Load Test - Monthly PS #1 Generator Inspection and Load Test - Weekly PS #1 Generator Inspection and Load Test - Weekly PS #1 Generator Inspection and Load Test - Weekly PS #1 Generator Inspection and Test - Weekly	Mike K, replaced vinyl siding Installed safety chains and fixed hand rails completed task from safety audit item #6 Eric + John brought trash pump to station for bypass in case of any issues while pump 1 was at shop for repairs Power loss. Generator ran for 4 hours on 1/10/16 Load test today, engine rpm speeding up and down to much, suspect that the governor is not functioning correctly, made the transfer switch disconnect to line power , needs to be looked at!	Completed
PS 1 By-Pass System	1	3304 1047 1938 2220 3546 1192 1193 1194 1195 1196	10/1/2016 12/29/2016 10/24/2016 3/16/2016 5/3/2016 12/6/2016 1/5/2016 1/13/2016 1/13/2016 1/26/2016 1/26/2016 2/1/2016 2/1/2016 2/12/2016 2/12/2016	a 1" of water on floor PS #1 Inspection - Monthly Vinyl Siding falling off Safety audit action item Floor Grating Brought trash pump to station due to weather and pump #1 was removed for repair for the night PS #1 Generator Inspection and Test - Weekly PS #1 Generator Inspection and Test - Monthly PS #1 Generator Inspection and Test - Monthly PS #1 Generator Inspection and Test - Weekly	Mike K, replaced vinyl siding Installed safety chains and fixed hand rails completed task from safety audit item #6 Eric + John brought trash pump to station for bypass in case of any issues while pump 1 was at shop for repairs Power loss. Generator ran for 4 hours on 1/10/16 Load test today, engine rpm speeding up and down to much, suspect that the governor is not functioning correctly, made the transfer switch disconnect to line power , needs to be looked at! Generator Run No Load Ran generator load test complete!	Completed
PS 1 By-Pass System	1	3304 1047 1938 2220 3546 1192 1193 1194 1195 1196 1369 1370 1371 1372	10/1/2016 12/29/2016 10/24/2016 3/16/2016 3/16/2016 12/6/2016 1/5/2016 1/13/2016 1/13/2016 1/19/2016 1/26/2016 2/1/2016 2/1/2016 2/12/2016 2/12/2016 2/12/2016 2/12/2016	a 1" of water on floor PS #1 Inspection - Monthly Vinyl Siding falling off Safety audit action item Floor Grating Brought trash pump to station due to weather and pump #1 was removed for repair for the night PS #1 Generator Inspection and Test - Weekly PS #1 Generator Inspection and Load Test - Monthly PS #1 Generator Inspection and Test - Weekly	Mike K. replaced vinyl siding Installed safety chains and fixed hand rails completed task from safety audit item #6 Eric + John brought trash pump to station for bypass in case of any issues while pump 1 was at shop for repairs Power loss. Generator ran for 4 hours on 1/10/16 Load test today, engine rpm speeding up and down to much, suspect that the governor is not functioning correctly, made the transfer switch disconnect to line power , needs to be looked at! Generator Run No Load	Completed
PS 1 By-Pass System	1	3304 1047 1938 2220 3546 1192 1193 1194 1195 1196	10/1/2016 12/29/2016 10/24/2016 3/16/2016 5/3/2016 12/6/2016 1/5/2016 1/13/2016 1/13/2016 1/26/2016 1/26/2016 2/1/2016 2/1/2016 2/12/2016 2/12/2016	a 1" of water on floor PS #1 Inspection - Monthly Vinyl Siding falling off Safety audit action item Floor Grating Brought trash pump to station due to weather and pump #1 was removed for repair for the night PS #1 Generator Inspection and Test - Weekly PS #1 Generator Inspection and Test - Monthly PS #1 Generator Inspection and Test - Monthly PS #1 Generator Inspection and Test - Weekly	Mike K. replaced vinyl siding Installed safety chains and fixed hand rails completed task from safety audit item #6 Eric + John brought trash pump to station for bypass in case of any issues while pump 1 was at shop for repairs Power loss. Generator ran for 4 hours on 1/10/16 Load test today, engine rpm speeding up and down to much, suspect that the governor is not functioning correctly, made the transfer switch disconnect to line power , needs to be looked at! Generator Run No Load Ran generator load test complete! No load	Completed
PS 1 By-Pass System	1	3304 1047 1938 2220 3546 1192 1193 1194 1195 1369 1370 1371 1372 1373 1445	10/1/2016 12/29/2016 10/24/2016 3/16/2016 3/16/2016 12/6/2016 1/5/2016 1/13/2016 1/13/2016 1/19/2016 1/26/2016 2/11/2016 2/12/2016 2/12/2016 2/12/2016 2/12/2016 2/12/2016 3/1/2016 1/6/2016	a 1" of water on floor PS #1 Inspection - Monthly Vinyl Siding falling off Safety audit action item Floor Grating Brought trash pump to station due to weather and pump #1 was removed for repair for the night PS #1 Generator Inspection and Test - Weekly PS #1 Generator Inspection and Load Test - Monthly PS #1 Generator Inspection and Test - Weekly Maintenance for rough running of engine for the emergency generator also rpm. Of engine not steady PS #1 Generator Inspection and Load Test - Monthly	Mike K, replaced vinyl siding Installed safety chains and fixed hand rails completed task from safety audit item #6 Eric + John brought trash pump to station for bypass in case of any issues while pump 1 was at shop for repairs Power loss. Generator ran for 4 hours on 1/10/16 Load test today, engine rpm speeding up and down to much, suspect that the governor is not functioning correctly, made the transfer switch disconnect to line power , needs to be looked at! Generator Run No Load Ran generator load test complete! No load Changed spark plugs and adjusted engine rpm to handle power	Completed
PS 1 By-Pass System	1	3304 1047 1938 2220 3546 1192 1193 1194 1195 1196 1369 1370 1371 1371 1372	10/1/2016 12/29/2016 10/24/2016 3/16/2016 3/16/2016 12/6/2016 1/5/2016 1/13/2016 1/13/2016 1/19/2016 1/26/2016 2/1/2016 2/1/2016 2/1/2016 2/1/2016 2/1/2016 2/1/2016 2/1/2016	a 1" of water on floor PS #1 Inspection - Monthly Vinyl Siding falling off Safety audit action item Floor Grating Brought trash pump to station due to weather and pump #1 was removed for repair for the night PS #1 Generator Inspection and Test - Weekly	Mike K. replaced vinyl siding Installed safety chains and fixed hand rails completed task from safety audit item #6 Eric + John brought trash pump to station for bypass in case of any issues while pump 1 was at shop for repairs Power loss. Generator ran for 4 hours on 1/10/16 Load test today, engine rpm speeding up and down to much, suspect that the governor is not functioning correctly, made the transfer switch disconnect to line power , needs to be looked at! Generator Run No Load Ran generator load test complete! No load Changed spark plugs and adjusted engine rpm to handle power needed at startup of pumps, by highland power!	Completed
PS 1 By-Pass System	1	3304 1047 1938 2220 3546 1192 1193 1194 1195 1369 1370 1371 1372 1373 1445	10/1/2016 12/29/2016 10/24/2016 3/16/2016 3/16/2016 12/6/2016 1/5/2016 1/13/2016 1/13/2016 1/19/2016 1/26/2016 2/11/2016 2/12/2016 2/12/2016 2/12/2016 2/12/2016 2/12/2016 3/1/2016 1/6/2016	a 1" of water on floor PS #1 Inspection - Monthly Vinyl Siding falling off Safety audit action item Floor Grating Brought trash pump to station due to weather and pump #1 was removed for repair for the night PS #1 Generator Inspection and Test - Weekly PS #1 Generator Inspection and Load Test - Monthly PS #1 Generator Inspection and Test - Weekly Maintenance for rough running of engine for the emergency generator also rpm. Of engine not steady PS #1 Generator Inspection and Load Test - Monthly	Mike K. replaced vinyl siding Installed safety chains and fixed hand rails completed task from safety audit item #6 Eric + John brought trash pump to station for bypass in case of any issues while pump 1 was at shop for repairs Power loss. Generator ran for 4 hours on 1/10/16 Load test today, engine rpm speeding up and down to much, suspect that the governor is not functioning correctly, made the transfer switch disconnect to line power , needs to be looked at! Generator Run No Load Ran generator load test complete! No load Changed spark plugs and adjusted engine rpm to handle power needed at startup of pumps, by highland power! Generator No-Load Test, Hertz - 60. AC Volts - 450. AC Amperes - 0.	Completed
PS 1 By-Pass System	1	3304 1047 1938 2220 3546 1192 1193 1194 1195 1369 1370 1371 1371 1372 1373 1445 1544 1546	10/1/2016 12/29/2016 10/24/2016 3/16/2016 3/16/2016 12/6/2016 1/5/2016 1/13/2016 1/13/2016 1/19/2016 1/26/2016 2/12/2016 2/12/2016 2/12/2016 2/12/2016 2/12/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016	a 1" of water on floor PS #1 Inspection - Monthly Vinyl Sidding falling off Safety audit action item Floor Grating Brought trash pump to station due to weather and pump #1 was removed for repair for the night PS #1 Generator Inspection and Test - Weekly PS #1 Generator Inspection and Load Test - Monthly PS #1 Generator Inspection and Load Test - Monthly PS #1 Generator Inspection and Load Test - Weekly PS #1 Generator Inspection and Test - Weekly Maintenance for rough running of engine for the emergency generator also rpm. Of engine not steady PS #1 Generator Inspection and Load Test - Woekly PS #1 Generator Inspection and Load Test - Woekly PS #1 Generator Inspection and Test - Weekly PS #1 Generator Inspection and Test - Weekly	Mike K. replaced vinyl siding Installed safety chains and fixed hand rails completed task from safety audit item #6 Eric + John brought trash pump to station for bypass in case of any issues while pump 1 was at shop for repairs Power loss. Generator ran for 4 hours on 1/10/16 Load test today, engine rpm speeding up and down to much, suspect that the governor is not functioning correctly, made the transfer switch disconnect to line power , needs to be looked at! Generator Run No Load Ran generator load test complete! No load Changed spark plugs and adjusted engine rpm to handle power needed at startup of pumps, by highland power! Generator No-Load Test, Hertz - 60. AC Volts - 450. AC Amperes - 0. Oil Press - 75, Water Temp - 180, Battery - 15.	Completed
PS 1 By-Pass System	1	3304 1047 1938 2220 3546 1192 1193 1194 1195 1369 1370 1371 1372 1373 1445	10/1/2016 12/29/2016 10/24/2016 3/16/2016 3/16/2016 12/6/2016 1/5/2016 1/13/2016 1/13/2016 1/19/2016 1/26/2016 2/11/2016 2/11/2016 2/11/2016 2/11/2016 2/11/2016 3/1/2016 3/1/2016 3/1/2016	a 1" of water on floor PS #1 Inspection - Monthly Vinyl Siding falling off Safety audit action item Floor Grating Brought trash pump to station due to weather and pump #1 was removed for repair for the night PS #1 Generator Inspection and Test - Weekly PS #1 Generator Inspection and Load Test - Monthly PS #1 Generator Inspection and Load Test - Monthly PS #1 Generator Inspection and Load Test - Monthly PS #1 Generator Inspection and Test - Weekly PS #1 Generator Inspection and Load Test - Monthly PS #1 Generator Inspection and Load Test - Monthly PS #1 Generator Inspection and Load Test - Monthly PS #1 Generator Inspection and Test - Weekly PS #1 Generator Inspection and Test - Weekly PS #1 Generator Inspection and Test - Weekly	Mike K. replaced vinyl siding Installed safety chains and fixed hand rails completed task from safety audit item #6 Eric + John brought trash pump to station for bypass in case of any issues while pump 1 was at shop for repairs Power loss. Generator ran for 4 hours on 1/10/16 Load test today, engine rpm speeding up and down to much, suspect that the governor is not functioning correctly, made the transfer switch disconnect to line power , needs to be looked at! Generator Run No Load Ran generator load test complete! No load Changed spark plugs and adjusted engine rpm to handle power needed at startup of pumps, by highland power! Generator No-Load Test, Hertz - 60. AC Volts - 450. AC Amperes - 0.	Completed
PS 1 By-Pass System	1	3304 1047 1938 2220 3546 1192 1193 1194 1195 1196 1369 1370 1371 1372 1373 1445 1544 1546	10/1/2016 12/29/2016 10/24/2016 3/16/2016 5/3/2016 12/6/2016 1/5/2016 1/13/2016 1/19/2016 1/19/2016 1/5/2016 2/1/2016 2/1/2016 2/1/2016 2/1/2016 2/1/2016 2/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016	a 1" of water on floor PS #1 Inspection - Monthly Vinyl Siding falling off Safety audit action item Floor Grating Brought trash pump to station due to weather and pump #1 was removed for repair for the night PS #1 Generator Inspection and Test - Weekly PS #1 Generator Inspection and Load Test - Monthly PS #1 Generator Inspection and Load Test - Monthly PS #1 Generator Inspection and Load Test - Weekly PS #1 Generator Inspection and Test - Weekly	Mike K. replaced vinyl siding Installed safety chains and fixed hand rails completed task from safety audit item #6 Eric + John brought trash pump to station for bypass in case of any issues while pump 1 was at shop for repairs Power loss. Generator ran for 4 hours on 1/10/16 Load test today, engine rpm speeding up and down to much, suspect that the governor is not functioning correctly, made the transfer switch disconnect to line power , needs to be looked at! Generator Run No Load Ran generator load test complete! No load Changed spark plugs and adjusted engine rpm to handle power needed at startup of pumps, by highland power! Generator No-Load Test. Hertz - 60. AC Volts - 450. AC Amperes - 0. Oil Press - 75, Water Temp - 180, Battery - 15. Ran generator no load today!	Completed
PS 1 By-Pass System		3304 1047 1938 2220 3546 1192 1193 1194 1195 1196 1370 1371 1372 1373 1445 1544 1546 1547	10/1/2016 12/29/2016 10/24/2016 3/16/2016 5/3/2016 12/6/2016 1/5/2016 1/13/2016 1/19/2016 1/19/2016 1/26/2016 2/1/2016 2/1/2016 2/1/2016 2/1/2016 2/1/2016 2/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 5/1/2016 5/1/2016 5/1/2016	a 1" of water on floor PS #1 Inspection - Monthly Vinyl Stiding falling off Safety audit action item Floor Grating Brought trash pump to station due to weather and pump #1 was removed for repair for the night PS #1 Generator Inspection and Test - Weekly PS #1 Generator Inspection and Load Test - Monthly PS #1 Generator Inspection and Load Test - Monthly PS #1 Generator Inspection and Load Test - Monthly PS #1 Generator Inspection and Test - Weekly PS #1 Generator Inspection and Load Test - Monthly PS #1 Generator Inspection and Load Test - Weekly PS #1 Generator Inspection and Test - Weekly	Mike K. replaced vinyl siding Installed safety chains and fixed hand rails completed task from safety audit item #6 Eric + John brought trash pump to station for bypass in case of any issues while pump 1 was at shop for repairs Power loss. Generator ran for 4 hours on 1/10/16 Load test today, engine rpm speeding up and down to much, suspect that the governor is not functioning correctly, made the transfer switch disconnect to line power , needs to be looked at! Generator Run No Load Ran generator load test complete! No load Changed spark plugs and adjusted engine rpm to handle power needed at startup of pumps, by highland power! Generator No-Load Test, Hertz - 60. AC Volts - 450. AC Amperes - 0. Oil Press - 75, Water Temp - 180, Battery - 15.	Completed
PS 1 By-Pass System		3304 1047 1938 2220 3546 1192 1193 1194 1195 1196 1369 1370 1371 1372 1373 1445 1544 1546 1547 1548 1787 1790 1790	10/1/2016 12/29/2016 10/24/2016 3/16/2016 3/16/2016 12/6/2016 1/5/2016 1/5/2016 1/19/2016 1/19/2016 1/26/2016 2/12/2016 2/12/2016 2/12/2016 2/12/2016 3/12/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 4/20/2016 4/20/2016 5/11/2016	a 1" of water on floor PS #1 Inspection - Monthly Vinyl Siding falling off Safety audit action item Floor Grating Brought trash pump to station due to weather and pump #1 was removed for repair for the night PS #1 Generator Inspection and Test - Weekly	Mike K. replaced vinyl siding Installed safety chains and fixed hand rails completed task from safety audit item #6 Eric + John brought trash pump to station for bypass in case of any issues while pump 1 was at shop for repairs Power loss. Generator ran for 4 hours on 1/10/16 Load test today, engine rpm speeding up and down to much, suspect that the governor is not functioning correctly, made the transfer switch disconnect to line power , needs to be looked at! Generator Run No Load Ran generator load test complete! No load Changed spark plugs and adjusted engine rpm to handle power needed at startup of pumps, by highland power! Generator No-Load Test. Hertz - 60. AC Volts - 450. AC Amperes - 0. Oil Press - 75, Water Temp - 180, Battery - 15. Ran generator no load today!	Completed
PS 1 By-Pass System	1	3304 1047 1938 2220 3546 1192 1193 1194 1195 1369 1370 1371 1372 1373 1445 1544 1546 1547 1548 1787 1790 1791 1792 2013	10/1/2016 12/29/2016 10/24/2016 3/16/2016 3/16/2016 12/6/2016 1/5/2016 1/5/2016 1/13/2016 1/13/2016 1/13/2016 1/26/2016 2/12/2016 2/12/2016 2/12/2016 2/12/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 4/1/2016 5/1/2016	a 1" of water on floor PS #1 Inspection - Monthly Vinyl Siding falling off Safety audit action item Floor Grating Brought trash pump to station due to weather and pump #1 was removed for repair for the night PS #1 Generator Inspection and Test - Weekly PS #1 Generator Inspection and Load Test - Monthly PS #1 Generator Inspection and Load Test - Monthly PS #1 Generator Inspection and Load Test - Weekly PS #1 Generator Inspection and Load Test - Monthly PS #1 Generator Inspection and Load Test - Monthly PS #1 Generator Inspection and Load Test - Monthly PS #1 Generator Inspection and Load Test - Monthly	Mike K. replaced vinyl siding Installed safety chains and fixed hand rails completed task from safety audit item #6 Eric + John brought trash pump to station for bypass in case of any issues while pump 1 was at shop for repairs Power loss. Generator ran for 4 hours on 1/10/16 Load test today, engine rpm speeding up and down to much, suspect that the governor is not functioning correctly, made the transfer switch disconnect to line power , needs to be looked at! Generator Run No Load Ran generator load test complete! No load Changed spark plugs and adjusted engine rpm to handle power needed at startup of pumps, by highland power! Generator No-Load Test. Hertz - 60. AC Volts - 450. AC Amperes - 0. Oil Press - 75, Water Temp - 180, Battery - 15. Ran generator no load today!	Completed Comple
PS 1 By-Pass System	1	3304 1047 1938 2220 3546 1192 1193 1194 1195 1196 1370 1371 1372 1373 1445 1544 1546 1547 1548 1787 1790 1791 1792 2013	10/1/2016 12/29/2016 10/24/2016 3/16/2016 12/6/2016 12/6/2016 1/5/2016 1/5/2016 1/13/2016 1/13/2016 1/19/2016 1/26/2016 2/12/2016 2/12/2016 2/12/2016 2/12/2016 3/12/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 5/1/2016 5/1/2016 5/1/2016 5/1/2016 5/1/2016 5/1/2016	a 1" of water on floor PS #1 Inspection - Monthly Vinyl Stiding falling off Safety audit action item Floor Grating Brought trash pump to station due to weather and pump #1 was removed for repair for the night PS #1 Generator Inspection and Test - Weekly PS #1 Generator Inspection and Load Test - Monthly PS #1 Generator Inspection and Load Test - Monthly PS #1 Generator Inspection and Load Test - Monthly PS #1 Generator Inspection and Test - Weekly PS #1 Generator Inspection and Load Test - Monthly PS #1 Generator Inspection and Test - Weekly PS #1 Generator Inspection and Load Test - Monthly PS #1 Generator Inspection and Load Test - Monthly PS #1 Generator Inspection and Load Test - Monthly PS #1 Generator Inspection and Load Test - Monthly PS #1 Generator Inspection and Load Test - Monthly PS #1 Generator Inspection and Load Test - Monthly PS #1 Generator Inspection and Load Test - Monthly	Mike K. replaced vinyl siding Installed safety chains and fixed hand rails completed task from safety audit item #6 Eric + John brought trash pump to station for bypass in case of any issues while pump 1 was at shop for repairs Power loss. Generator ran for 4 hours on 1/10/16 Load test today, engine rpm speeding up and down to much, suspect that the governor is not functioning correctly, made the transfer switch disconnect to line power , needs to be looked at! Generator Run No Load Ran generator load test complete! No load Changed spark plugs and adjusted engine rpm to handle power needed at startup of pumps, by highland power! Generator No-Load Test. Hertz - 60. AC Volts - 450. AC Amperes - 0. Oil Press - 75, Water Temp - 180, Battery - 15. Ran generator no load today!	Completed Comple
PS 1 By-Pass System		3304 1047 1938 2220 3546 1192 1193 1194 1195 1369 1370 1371 1372 1373 1445 1544 1546 1547 1548 1787 1790 1791 1792 2013	10/1/2016 12/29/2016 10/24/2016 3/16/2016 3/16/2016 12/6/2016 1/5/2016 1/5/2016 1/13/2016 1/13/2016 1/13/2016 1/26/2016 2/12/2016 2/12/2016 2/12/2016 2/12/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 4/1/2016 5/1/2016	a 1" of water on floor PS #1 Inspection - Monthly Vinyl Siding falling off Safety audit action item Floor Grating Brought trash pump to station due to weather and pump #1 was removed for repair for the night PS #1 Generator Inspection and Test - Weekly PS #1 Generator Inspection and Load Test - Monthly PS #1 Generator Inspection and Load Test - Monthly PS #1 Generator Inspection and Load Test - Weekly PS #1 Generator Inspection and Load Test - Monthly PS #1 Generator Inspection and Load Test - Monthly PS #1 Generator Inspection and Load Test - Monthly PS #1 Generator Inspection and Load Test - Monthly	Mike K. replaced vinyl siding Installed safety chains and fixed hand rails completed task from safety audit item #6 Eric + John brought trash pump to station for bypass in case of any issues while pump 1 was at shop for repairs Power loss. Generator ran for 4 hours on 1/10/16 Load test today, engine rpm speeding up and down to much, suspect that the governor is not functioning correctly, made the transfer switch disconnect to line power , needs to be looked at! Generator Run No Load Ran generator load test complete! No load Changed spark plugs and adjusted engine rpm to handle power needed at startup of pumps, by highland power! Generator No-Load Test. Hertz - 60. AC Volts - 450. AC Amperes - 0. Oil Press - 75, Water Temp - 180, Battery - 15. Ran generator no load today!	Completed Comple

	generator	1 6/1/2016	PS #1 Generator Inspection and Test - Weekly	Complete
	217		PS #1 Generator Inspection and Test - Weekly	Complete
	217		PS #1 Generator Inspection and Test - Weekly	Complete
	217		PS #1 Generator Inspection and Test - Weekly	Complete
	217		PS #1 Generator Inspection and Test - Weekly	Complete
	211	3 //1/2016	after talking to F	Rick Clark he said problem could have bin a air
	224	7/22/2016		since the origanal failure generator has been Complete
	237	5 7/8/2016	PS #1 Generator Inspection and Test - Weekly	Complete
	237		PS #1 Generator Inspection and Test - Weekly	Complete
	237		PS #1 Generator Inspection and Test - Weekly	Complete
	237		PS #1 Generator Inspection and Test - Weekly	Complete
	237		PS #1 Generator Inspection and Load Test - Monthly	Complete
			PS #1 Generator Inspection and Test - Weekly	Complete
- 11	254			Complete
- 10	255		PS #1 Generator Inspection and Test - Weekly	
	255		PS #1 Generator Inspection and Test - Weekly	Complete
	255	2 8/25/2016	PS #1 Generator Inspection and Test - Weekly	Complete
	255	3 8/29/2016	PS #1 Generator Inspection and Test - Weekly	Ran generator no load todayl Complete
	255	4 8/1/2016	PS #1 Generator Inspection and Load Test - Monthly	Complete
	276	5 9/12/2016	PS #1 Generator Inspection and Load Test - Monthly R	an generator load test completel Complete
	276	6 9/6/2016	PS #1 Generator Inspection and Test - Weekly	Complete
	276		PS #1 Generator Inspection and Test - Weekly	Complete
	276		PS #1 Generator Inspection and Test - Weekly	Complete
	276		PS #1 Generator Inspection and Test - Weekly	Complete
				Load test completel Complete
	293		PS #1 Generator Inspection and Load Test - Monthly	Load test completes Complete
	294		PS #1 Generator Inspection and Test - Weekly	
	294		PS #1 Generator Inspection and Test - Weekly	Complete
	294		PS #1 Generator Inspection and Test - Weekly	Complete
	294		PS #1 Generator Inspection and Test - Weekly	Complete
	310	8 11/1/2016	PS #1 Generator Inspection and Load Test - Monthly	Complete
	310		PS #1 Generator Inspection and Test - Weekly	Complete
	311		PS #1 Generator Inspection and Test - Weekly	Complete
	311		PS #1 Generator Inspection and Test - Weekly	Complete
	311		PS #1 Generator Inspection and Test - Weekly	Complete
	311		PS #1 Generator Inspection and Test - Weekly	Complete
	311	3 11/20/2010		new betters the old outdated one enerating
	322	7 10/13/2016		
			required,	normal again.
	331		PS #1 Generator Inspection and Load Test - Monthly	Work Completed. Complete
	331		PS #1 Generator Inspection and Test - Weekly	Complete
. //	331	3 12/20/2016	PS #1 Generator Inspection and Test - Weekly	Ran generator load test todayl Complete
	331	4 12/1/2016	PS #1 Generator Inspection and Test - Weekly	Work Completed. Complete
-	331		PS #1 Generator Inspection and Test - Weekly	Complete
S 1 GridBee Comp			PS 1 aerator compressor dedicated circuit	Complete
PS 1 Piping and V			Exercise valves	Complete
PS 1 Pump 1			PS #1 Pump 1 PM - Quarterly	Complete
ro i rump i	147		Safety guard on pump 1 Wrapped	oump with mesh safety guard on pump 1 Complete
	141	1/14/2010		replace the parts needed to repair the damage to
	159	2/11/2016	retaining housing, had all bolts missing , also shim top bearing ho	using of the pump. Also shim stock missing, Complete
	159	5 2/11/2016		and sticks in impeller removed and flow of the pump is back to normal!
	201	8 5/26/2016		
				Complete
			PS #1 Pump 1 PM - Quarterly PS #1 Pump 1 PM - Quarterly	
	255	5 8/11/2016	PS #1 Pump 1 PM - Quarterly	Complete
		5 8/11/2016	PS #1 Pump 1 PM - Quarterly PS #1 Pump 1 PM - Quarterly	Complete Complete
V	255	5 8/11/2016 4 11/7/2016	PS #1 Pump 1 PM - Quarterly PS #1 Pump 1 PM - Quarterly Replaced pump assembly due to existing pump was loud and needs repair brought back to sl	Complete Complete erformed, pulled motor set aside, pulled pump, nop used existing impeller, put on new assembly Complete
De 1 Duma 2	255 311 354	8/11/2016 4 11/7/2016 8 12/7/2016	PS #1 Pump 1 PM - Quarterly PS #1 Pump 1 PM - Quarterly Replaced pump assembly due to existing pump was loud and needs repair brought back to sl Over a 2 day period of 10hrs job was complete reinstal	Complete Complete erformed, pulled motor set aside, pulled pump, rop used existing impeller, put on new assembly led pump and motor, now operational
PS 1 Pump 2	255 311 354 2 137	5 8/11/2016 4 11/7/2016 8 12/7/2016 5 2/29/2016	PS #1 Pump 1 PM - Quarterly PS #1 Pump 1 PM - Quarterly Replaced pump assembly due to existing pump was loud and needs repair Over a 2 day period of 10hrs job was complete PS #1 Pump 2 PM - Quarterly	Complete Complete performed, pulled motor set aside, pulled pump, pop used existing impeller, put on new assembly led pump and motor, now operational Complete
PS 1 Pump 2	255 311 354	55 8/11/2016 4 11/7/2016 8 12/7/2016 5 2/29/2016 8 1/14/2016	PS #1 Pump 1 PM - Quarterly PS #1 Pump 1 PM - Quarterly Replaced pump assembly due to existing pump was loud and needs repair Over a 2 day period of 10hrs job was complete PS #1 Pump 2 PM - Quarterly Wrapped pump with mesh safety guard on pump 2 No flow from pump 2 suspect that rags and debris Verapped inspections are placed inspection.	Complete Complete erformed, pulled motor set aside, pulled pump, rop used existing impeller, put on new assembly led pump and motor, now operational
PS 1 Pump 2	255 311 354 2 137 147	55 8/11/2016 4 11/7/2016 8 12/7/2016 5 2/29/2016 8 1/14/2016	PS #1 Pump 1 PM - Quarterly PS #1 Pump 1 PM - Quarterly Replaced pump assembly due to existing pump was loud and needs repair Over a 2 day period of 10hrs job was complete PS #1 Pump 2 PM - Quarterly Wrapped pump with mesh safety guard on pump 2 No government of the property of the pump 2 and delvise Loto pump 2 a	Complete Complete performed, pulled motor set aside, pulled pump, nop used existing impeller, put on new assembly led pump and motor, now operational Complete pump with mesh safety guard on pump 2 Complete order the rags and debris from impeller
PS 1 Pump 2	255 311 354 2 137 147	55 8/11/2016 4 11/7/2016 8 12/7/2016 5 2/29/2016 8 1/14/2016	PS #1 Pump 1 PM - Quarterly PS #1 Pump 1 PM - Quarterly Replaced pump assembly due to existing pump was loud and needs repair Over a 2 day period of 10hrs job was complete PS #1 Pump 2 PM - Quarterly Wrapped pump with mesh safety guard on pump 2 No flow from pump 2 suspect that rags and debris Verapped inspections are placed inspection.	Complete Complete Complete Deformed, pulled motor set aside, pulled pump, Deformed set aside, pulle
	258 311 354 2 137 147 158	8/11/2016 4 11/7/2016 8 12/7/2016 5 2/29/2016 8 1/14/2018 11 2/10/2016 9 5/26/2016	PS #1 Pump 1 PM - Quarterly PS #1 Pump 1 PM - Quarterly Replaced pump assembly due to existing pump was loud and needs repair Over a 2 day period of 10hrs job was complete PS #1 Pump 2 PM - Quarterly Wrapped pump with mesh safety guard on pump 2 No flow from pump 2 suspect that rags and debris caught in impeller, PS #1 Pump 2 PM - Quarterly	Complete Complete Complete Deformed, pulled motor set aside, pulled pump, propression pused existing impeller, put on new assembly led pump and motor, now operational Complete Description pump 2 Description pump 3 Description pump 4 Description pump 4 Description pump 5 Description pump 6 Description pump 7 Description pump 7 Description pump 8 Description pump 8 Description pump 9 Descript
PS 1 Pump 2	258 311 354 2 137 142 158 201 255	55 8/11/2016 4 11/7/2016 8 12/7/2016 5 2/29/2016 8 1/14/2016 1 2/10/2016 9 5/26/2016 6 8/11/2016	PS #1 Pump 1 PM - Quarterly PS #1 Pump 1 PM - Quarterly Replaced pump assembly due to existing pump was loud and needs repair Over a 2 day period of 10hrs job was complete PS #1 Pump 2 PM - Quarterly Wrapped pump with mesh safety guard on pump 2 No flow from pump 2 suspect that rags and debris caught in impeller, PS #1 Pump 2 PM - Quarterly PS #1 Pump 2 PM - Quarterly	Complete Complete Complete Deformed, pulled motor set aside, pulled pump, Deformed set aside set aside, pulled pump, Deformed set aside, pulled set as
<u></u>	258 311 354 2 133 141 158 200 258 311	55 8/11/2016 4 11/7/2016 8 12/7/2016 5 2/29/2016 8 1/14/2016 10 2/10/2016 9 5/25/2016 66 8/11/2016 55 11/7/2016	PS #1 Pump 1 PM - Quarterly PS #1 Pump 1 PM - Quarterly Replaced pump assembly due to existing pump was loud and needs repair Over a 2 day period of 10hrs job was complete PS #1 Pump 2 PM - Quarterly Wrapped pump with mesh safety guard on pump 2 No flow from pump 2 suspect that rags and debris caught in impeller, PS #1 Pump 2 PM - Quarterly	Complete Complete performed, pulled motor set aside, pulled pump, propried pump and motor, now operational complete pump with mesh safety guard on pump 2 pump with mesh safety guard on pump 2 pund remove the rags and debris from impeller ction plate and bleed the pump, flow is back to normall Complete Complete Complete Complete Complete
	258 311 354 2 137 147 158 201 255 311	55 8/11/2016 4 11/7/2016 8 12/7/2016 8 12/7/2016 8 1/14/2016 11 2/10/2016 9 5/26/2016 6 8/11/2016 5 11/7/2016	PS #1 Pump 1 PM - Quarterly PS #1 Pump 1 PM - Quarterly Replaced pump assembly due to existing pump was loud and needs repair Over a 2 day period of 10hrs job was complete PS #1 Pump 2 PM - Quarterly Wrapped pump with mesh safety guard on pump 2 No flow from pump 2 suspect that rags and debris caught in impeller, PS #1 Pump 2 PM - Quarterly Opene	complete performed, pulled motor set aside, pulled pump, nop used existing impeller, put on new assembly led pump and motor, now operational complete pump with mesh safety guard on pump 2 not remove the rags and debris from impeller stion plate and bleed the pump, flow is back to normall Complete
<u></u>	258 311 354 2 137 142 158 201 255 311 144 144	55 8/11/2016 4 11/7/2016 8 12/7/2016 5 2/29/2016 8 1/14/2016 1 2/10/2016 9 5/25/2016 6 8/11/2016 5 11/7/2016 1 1/8/2016 7 1/8/2016 77 1/8/2016	PS #1 Pump 1 PM - Quarterly PS #1 Pump 1 PM - Quarterly Replaced pump assembly due to existing pump was loud and needs repair Over a 2 day period of 10hrs job was complete PS #1 Pump 2 PM - Quarterly Wrapped pump with mesh safety guard on pump 2 No flow from pump 2 suspect that rags and debris caught in impeller, PS #1 Pump 2 PM - Quarterly Wetwell inspection Qpene Windriver in to clean wetwell Lowered v.	Complete Complete Complete Deformed, pulled motor set aside, pulled pump, Deformed pump and motor, now operational Deformed pump and motor, now operational Deformed pump and motor, now operational Deformed pump 2 Deformed pump 2 Deformed pump 2 Deformed pump 2 Deformed pump 3 Deformed pump 4 Deformed pump 4 Deformed pump 5 Deformed pump 6 Deformed
<u></u>	258 311 354 2 133 141 158 200 258 311 144 148 177	55 8/11/2016 4 11/7/2016 8 12/7/2016 5 2/29/2016 8 1/14/2016 9 5/26/2016 10 8/11/2016 11 1/7/2016 11 1/7/2016 11 1/7/2016 11 1/7/2016 11 1/21/2016 14 2/29/2016	PS #1 Pump 1 PM - Quarterly PS #1 Pump 1 PM - Quarterly Replaced pump assembly due to existing pump was loud and needs repair Over a 2 day period of 10hrs job was complete PS #1 Pump 2 PM - Quarterly Wrapped pump with mesh safety guard on pump 2 No flow from pump 2 suspect that rags and debris caught in impeller, PS #1 Pump 2 PM - Quarterly Wetwell inspection Opene Windriver in to clean wetwell Lowered v. Qua	Complete Complete performed, pulled motor set aside, pulled pump, propriete pump and motor, now operational Complete pump with mesh safety guard on pump 2 Indiremove the rags and debris from impeller stion plate and bleed the pump, flow is back to normall Complete
<u></u>	258 311 354 2 137 147 158 201 255 311 144 144 145 173 188	55 8/11/2016 4 11/7/2016 58 12/7/2016 58 12/7/2016 58 1/14/2016 61 2/10/2016 61 11/7/2016 61 11/7/2016 61 11/7/2016 61 11/7/2016 61 11/7/2016 61 11/7/2016 61 11/7/2016 61 11/7/2016 61 11/7/2016 61 11/7/2016 61 11/7/2016 61 11/7/2016 61 11/7/2016 61 11/7/2016 61 11/7/2016 61 11/7/2016	PS #1 Pump 1 PM - Quarterly PS #1 Pump 1 PM - Quarterly Replaced pump assembly due to existing pump was loud and needs repair Over a 2 day period of 10hrs job was complete PS #1 Pump 2 PM - Quarterly Wrapped pump with mesh safety guard on pump 2 No flow from pump 2 suspect that rags and debris caught in impeller, PS #1 Pump 2 PM - Quarterly Wetwell inspection Opene Windriver in to clean wetwell Wetwell inspection Qua	Complete
<u></u>	258 311 354 2 137 142 158 201 255 311 144 144 177 188 188	55 8/11/2016 4 11/7/2016 8 12/7/2016 5 2/29/2016 8 1/14/2016 11 2/10/2016 11 2/10/2016 10 5/26/2016 16 8/11/2016 15 11/7/2016 17 1/8/2016 17 1/21/2016 14 2/29/2016 15 3/11/2016 15 3/11/2016 15 3/11/2016 15 3/11/2016	PS #1 Pump 1 PM - Quarterly PS #1 Pump 1 PM - Quarterly Replaced pump assembly due to existing pump was loud and needs repair Over a 2 day period of 10hrs job was complete PS #1 Pump 2 PM - Quarterly Wrapped pump with mesh safety guard on pump 2 No flow from pump 2 suspect that rags and debris caught in impeller, PS #1 Pump 2 PM - Quarterly Wetwell inspection Windriver in to clean wetwell Uvetwell inspection Opene Windriver well penetration Clean debris from wetwell with windriver	Complete Com
<u></u>	258 311 354 2 137 147 158 201 258 311 144 148 173 188 199	55 8/11/2016 4 11/7/2016 58 12/7/2016 58 12/7/2016 58 1/14/2016 68 1/14/2016 55 11/7/2016 56 8/11/2016 57 1/7/2016 57 1/7/2016 57 1/7/2016 57 3/7/2016 58 3/1/2016 59 3/1/2016	PS #1 Pump 1 PM - Quarterly PS #1 Pump 1 PM - Quarterly Replaced pump assembly due to existing pump was loud and needs repair Over a 2 day period of 10hrs job was complete PS #1 Pump 2 PM - Quarterly Wrapped pump with mesh safety guard on pump 2 No flow from pump 2 suspect that rags and debris caught in impeller, PS #1 Pump 2 PM - Quarterly Wetwell inspection Windriver in to clean wetwell Wretwell inspection Opene Wrote well penetration Clean debris from wetwell with windriver Wetwell inspection Turned off station 1 for project at station 3 discharge	Complete It complete
<u></u>	258 311 354 2 133 141 158 200 255 311 144 148 173 188 1990 1991	55 8/11/2016 4 11/7/2016 4 11/7/2016 8 12/7/2016 5 2/29/2016 6 1/14/2016 11 2/10/2016 10 5/26/2016 10 6/11/2016 11 1/7/2016 11 1/7/2016 12 1/7/2016 13 1/7/2016 14 2/29/2016 15 3/1/2016 15 3/1/2016 16 3/29/2016 17 4/28/2016	PS #1 Pump 1 PM - Quarterly PS #1 Pump 1 PM - Quarterly Replaced pump assembly due to existing pump was loud and needs repair Over a 2 day period of 10hrs job was complete PS #1 Pump 2 PM - Quarterly Wrapped pump with mesh safety guard on pump 2 No flow from pump 2 suspect that rags and debris caught in impeller, PS #1 Pump 2 PM - Quarterly Wetwell inspection Windriver in to clean wetwell Dry well / wet well penetration Clean debris from wetwell with windriver Wetwell inspection Clean debris from wetwell with windriver Wetwell inspection Wetwell inspection Turned off station 1 for project at station 3 discharge force main	Complete Complete performed, pulled motor set aside, pulled pump, propried pump and motor, now operational Complete pump with mesh safety guard on pump 2 Ind remove the rags and debris from impeller stion plate and bleed the pump, flow is back to normall Complete
<u></u>	258 311 354 2 137 142 158 201 258 311 144 148 177 188 199 199 222	11 2/10/2016 12/10/2016 13/10/2016 14 11/7/2016 15 2/29/2016 16 1/14/2016 17 1/12/2016 18 1/14/2016 19 5/26/2016 16 8/11/2016 17 1/8/2016 17 1/8/2016 18 1/29/2016 19 3/29/2016 19 4/28/2016 19 4/28/2016	PS #1 Pump 1 PM - Quarterly PS #1 Pump 1 PM - Quarterly Replaced pump assembly due to existing pump was loud and needs repair Over a 2 day period of 10hrs job was complete PS #1 Pump 2 PM - Quarterly Wrapped pump with mesh safety guard on pump 2 No flow from pump 2 suspect that rags and debris caught in impeller, PS #1 Pump 2 PM - Quarterly Wetwell inspection Windriver in to clean wetwell Wetwell inspection Opene Windriver in to clean wetwell Clean debris from wetwell with windriver Wetwell inspection Turned off station 1 for project at station 3 discharge force main Inspection of wetwell for debris - PS1	Complete Com
<u></u>	258 311 354 2 137 147 155 201 201 217 219 211 217 212 223	17 17 17 17 17 17 17 17	PS #1 Pump 1 PM - Quarterly PS #1 Pump 1 PM - Quarterly Replaced pump assembly due to existing pump was loud and needs repair Over a 2 day period of 10hrs job was complete PS #1 Pump 2 PM - Quarterly Wrapped pump with mesh safety guard on pump 2 No flow from pump 2 suspect that rags and debris caught in impeller, PS #1 Pump 2 PM - Quarterly Wetwell inspection Windriver in to clean wetwell Wetwell inspection Opene Windriver in to clean wetwell Clean debris from wetwell with windriver Wetwell inspection Turned off station 1 for project at station 3 discharge force main Inspection of wetwell for debris Lowerd v. Wetwell inspection for then bounced be inspection of wetwell for debris	complete Com
<u></u>	258 311 354 2 133 141 158 201 255 311 144 148 173 188 1990 1991 211 223 223 224	55 8/11/2016 4 11/7/2016 4 11/7/2016 8 12/7/2016 5 2/29/2016 6 1/14/2016 6 8/11/2016 6 7/22/2016 6 7/22/2016 6 7/22/2016	PS #1 Pump 1 PM - Quarterly PS #1 Pump 1 PM - Quarterly Replaced pump assembly due to existing pump was loud and needs repair Over a 2 day period of 10hrs job was complete PS #1 Pump 2 PM - Quarterly Wrapped pump with mesh safety guard on pump 2 No flow from pump 2 suspect that rags and debris caught in impeller, PS #1 Pump 2 PM - Quarterly Wetwell inspection Windriver in to clean wetwell Wetwell inspection Opene Windriver in to clean wetwell Wetwell inspection Clean debris from wetwell with windriver Wetwell inspection Turned off station 1 for project at station 3 discharge force main Inspection of wetwell for debris	complete com
<u></u>	258 311 354 2 137 142 158 201 255 311 144 148 177 186 190 191 212 223 224 224	17 17 17 17 17 17 17 17	PS #1 Pump 1 PM - Quarterly PS #1 Pump 1 PM - Quarterly Replaced pump assembly due to existing pump was loud and needs repair Over a 2 day period of 10hrs job was complete PS #1 Pump 2 PM - Quarterly Wrapped pump with mesh safety guard on pump 2 No flow from pump 2 suspect that rags and debris caught in impeller, PS #1 Pump 2 PM - Quarterly Wetwell inspection Opene Windriver in to clean wetwell Wetwell inspection Opene Windriver in to clean wetwell Clean debris from wetwell with windriver Wetwell inspection Turned off station 1 for project at station 3 discharge force main Inspection of wetwell for debris Inspection of wetwell for debris Inspection 50% debris record condition	complete com
<u></u>	258 311 354 2 133 141 158 201 255 311 144 148 173 188 1990 1991 211 223 223 224	17 17 17 17 17 17 17 17	PS #1 Pump 1 PM - Quarterly PS #1 Pump 1 PM - Quarterly Replaced pump assembly due to existing pump was loud and needs repair Over a 2 day period of 10hrs job was complete PS #1 Pump 2 PM - Quarterly Wrapped pump with mesh safety guard on pump 2 No flow from pump 2 suspect that rags and debris caught in impeller, PS #1 Pump 2 PM - Quarterly Wetwell inspection Qua Dry well Wet well penetration Clean debris from wetwell with windriver Wetwell inspection Turned off station 1 for project at station 3 discharge force main Inspection of wetwell for debris Inspection of wetwell for debris Inspection of wetwell for debris Inspection 50% debris record condition	complete com
<u></u>	258 311 354 2 137 142 158 201 201 255 311 144 148 177 188 199 199 212 222 224 224 256 244	17 17 17 17 17 17 17 17	PS #1 Pump 1 PM - Quarterly PS #1 Pump 1 PM - Quarterly Replaced pump assembly due to existing pump was loud and needs repair Over a 2 day period of 10hrs job was complete PS #1 Pump 2 PM - Quarterly Wrapped pump with mesh safety guard on pump 2 No flow from pump 2 suspect that rags and debris caught in impeller, PS #1 Pump 2 PM - Quarterly Wetwell inspection Opene Windriver in to clean wetwell Wetwell inspection Ory well // Wet well penetration Clean debris from wetwell with windriver Wetwell inspection Turned off station 1 for project at station 3 discharge force main Inspection of wetwell for debris Insp	complete complete pump and motor, now operational complete pump, flow is back to provide the pump, flow is back to provide and provide pump and pump and provide pump and p
<u></u>	258 311 354 2 137 147 155 201 255 311 144 144 177 188 189 199 212 222 224 228 244 256	1	PS #1 Pump 1 PM - Quarterly PS #1 Pump 1 PM - Quarterly Replaced pump assembly due to existing pump was loud and needs repair Over a 2 day period of 10hrs job was complete PS #1 Pump 2 PM - Quarterly Wrapped pump with mesh safety guard on pump 2 No flow from pump 2 suspect that rags and debris caught in impeller, PS #1 Pump 2 PM - Quarterly Wetwell inspection Opene Windriver in to clean wetwell Lowered v. Wetwell inspection Clean debris from wetwell with windriver Wetwell inspection Turned off station 1 for project at station 3 discharge force main Inspection of wetwell for debris Inspection of wetwell for debris Inspection 50% debris record condition Inspection for wetwell Cleaning of debris from wetwell Windriver in to vac Wetwell inspection University of then bounced by the project of the proj	complete com
PS 1 Wet Wel	258 311 354 2 137 147 155 201 255 311 144 144 177 188 189 199 212 222 224 228 244 256 266 3326	1	PS #1 Pump 1 PM - Quarterly PS #1 Pump 1 PM - Quarterly Replaced pump assembly due to existing pump was loud and needs repair Over a 2 day period of 10hrs job was complete PS #1 Pump 2 PM - Quarterly Wrapped pump with mesh safety guard on pump 2 No flow from pump 2 suspect that rags and debris caught in impeller, PS #1 Pump 2 PM - Quarterly Wetwell inspection Opene Windriver in to clean wetwell Wetwell inspection Clean debris from wetwell with windriver Wetwell inspection Turned off station 1 for project at station 3 discharge force main Inspection of wetwell for debris Inspection of wetwell Cleaning of debris from wetwell Wetwell inspection Wetwell inspection Cleaning of debris from wetwell Windriver in to vac Wetwell inspection Examined wetwell wetwell inspection Wetwell inspection Wetwell inspection Examined wetwell inspection Wetwell inspection	complete com
<u></u>	258 311 354 2 137 147 155 201 255 311 144 144 177 188 189 199 212 222 224 228 244 256	1	PS #1 Pump 1 PM - Quarterly PS #1 Pump 1 PM - Quarterly Replaced pump assembly due to existing pump was loud and needs repair Over a 2 day period of 10hrs job was complete PS #1 Pump 2 PM - Quarterly Wrapped pump with mesh safety guard on pump 2 No flow from pump 2 suspect that rags and debris caught in impeller, PS #1 Pump 2 PM - Quarterly Wetwell inspection Opene Windriver in to clean wetwell Lowered v. Wetwell inspection Qua Dry well / wet well penetration Clean debris from wetwell with windriver Wetwell inspection Turned off station 1 for project at station 3 discharge force main Inspection of wetwell for debris Inspection of wetwell with windriver Wetwell inspection Examined wetwell with wind pump 2 with pump 2 minspection of wetwell Windriver in to vac Wetwell inspection Examined wetwell wetwell inspection Wetwell inspection PS #3 Inspection - Monthly Greased motor	complete com
PS 1 Wet Wel	258 311 354 2 137 147 155 201 255 311 144 144 177 188 189 199 212 222 224 228 244 256 266 3326	1	PS #1 Pump 1 PM - Quarterly PS #1 Pump 1 PM - Quarterly Replaced pump assembly due to existing pump was loud and needs repair Over a 2 day period of 10hrs job was complete PS #1 Pump 2 PM - Quarterly Wrapped pump with mesh safety guard on pump 2 No flow from pump 2 suspect that rags and debris caught in impeller, PS #1 Pump 2 PM - Quarterly Wetwell inspection Opene Windriver in to clean wetwell Wetwell inspection Clean debris from wetwell with windriver Wetwell inspection Turned off station 1 for project at station 3 discharge force main Inspection of wetwell for debris Inspection of wetwell Cleaning of debris from wetwell Wetwell inspection Wetwell inspection Cleaning of debris from wetwell Windriver in to vac Wetwell inspection Examined wetwell wetwell inspection Wetwell inspection Wetwell inspection Examined wetwell inspection Wetwell inspection	complete com
PS 1 Wet Wel	258 311 354 2 137 142 158 201 258 311 144 144 173 188 199 199 212 223 224 226 244 256 268 332 118	17/1/2016 1/1/2016	PS #1 Pump 1 PM - Quarterly PS #2 Pump 1 PM - Quarterly Replaced pump assembly due to existing pump was loud and needs repair Over a 2 day period of 10hrs job was complete PS #1 Pump 2 PM - Quarterly Wrapped pump with mesh safety guard on pump 2 No flow from pump 2 suspect that rags and debris caught in impeller, PS #1 Pump 2 PM - Quarterly PS #1 Pump 2 PM - Quart	complete com
PS 1 Wet Wel	258 311 354 2 133 142 155 201 205 311 144 177 188 199 212 223 224 244 256 326 326 118	17 17 17 17 17 17 17 17	PS #1 Pump 1 PM - Quarterly PS #1 Pump 1 PM - Quarterly Replaced pump assembly due to existing pump was loud and needs repair Over a 2 day period of 10hrs job was complete PS #1 Pump 2 PM - Quarterly Wrapped pump with mesh safety guard on pump 2 No flow from pump 2 suspect that rags and debris caught in impeller, PS #1 Pump 2 PM - Quarterly PS #1 Pump 1 PM - Quarterly PS #1 Pump 2 PM - Quarterly PS #1 Pump 2 PM - Quarterly PS #1 Pump 2 PM - Quarterly Wetwell inspection Qua Dry well / Wet well penetration Clean debris from wetwell with windriver Wetwell inspection Turned off station 1 for project at station 3 discharge force main Inspection of wetwell for debris Inspection of wetwell well Windriver in to vac Wetwell inspection PS #3 Inspection - Monthly	complete com
PS 1 Wet Wel	258 311 354 2 137 147 155 201 205 311 144 144 177 188 189 199 212 222 222 224 226 236 330 111 133	1	PS#1 Pump 1 PM - Quarterly PS#1 Pump 1 PM - Quarterly Replaced pump assembly due to existing pump was loud and needs repair Over a 2 day period of 10hrs job was complete PS#1 Pump 2 PM - Quarterly Wrapped pump with mesh safety guard on pump 2 No flow from pump 2 suspect that rags and debris caught in impeller, PS#1 Pump 2 PM - Quarterly Wetwell inspection Opene Windriver in to clean wetwell Wetwell inspection Clean debris from wetwell with windriver Wetwell inspection Turned off station 1 for project at station 3 discharge force main Inspection of wetwell for debris Inspection of wetwell for debris Inspection 50% debris record condition Inspection of wetwell for debris Inspection of wetwell Wetwell inspection Examined wetwell with windriver Wetwell inspection Cleaning of debris from wetwell Windriver in to vac Wetwell inspection Examined wetwell inspection PS#3 Inspection - Monthly PS#3 Inspection - Monthly PS#3 Inspection - Monthly PS#3 Inspection - Monthly	complete com
PS 1 Wet Wel	258 311 354 2 133 142 155 201 205 311 144 177 188 199 212 223 224 244 256 366 326 118	1	PS #1 Pump 1 PM - Quarterly PS #1 Pump 1 PM - Quarterly Replaced pump assembly due to existing pump was toud and needs repair Over a 2 day period of 10hrs job was complete PS #1 Pump 2 PM - Quarterly Wrapped pump with mesh safety guard on pump 2 No flow from pump 2 suspect that rags and debris caught in impeller, PS #1 Pump 2 PM - Quarterly PS #1 Pump 1 PM - Quarterly PS #1 Pump 2 PM - Quarterly PS #1 Pump 2 PM - Quarterly PS #1 Pump 2 PM - Quarterly PS #1 Pump 1 PM - Quarterly PS #1 Pump 2 PM - Quarterly PS #1 Inspection PS #1 Inspection of Qua PS #3 Inspection - Monthly	complete com
PS 1 Wet Wel	258 311 354 2 137 142 158 201 258 311 141 144 148 177 188 199 212 223 224 244 255 266 3320 118 139 155 1778 199	1	PS #1 Pump 1 PM - Quarterly PS #1 Pump 1 PM - Quarterly Replaced pump assembly due to existing pump was loud and needs repair Over a 2 day period of 10hrs job was complete PS #1 Pump 2 PM - Quarterly Wrapped pump with mesh safety guard on pump 2 No flow from pump 2 suspect that rags and debris caught in impeller, PS #1 Pump 2 PM - Quarterly PS #1 Pump 1 PM - Quarterly PS #1 Pump 2 PM - Quarterly PS #1 Pump 1 PM - Quarterly PS #1 Pump 2 PM - Quart	complete Complete purpose of the pur
PS 1 Wet Wel	258 311 354 2 137 147 155 201 255 311 144 144 177 188 199 212 222 222 222 224 256 320 118 133 155 177 199 199	1	PS #1 Pump 1 PM - Quarterly PS #1 Pump 1 PM - Quarterly Replaced pump assembly due to existing pump was loud and needs repair Over a 2 day period of 10hrs job was complete PS #1 Pump 2 PM - Quarterly Wrapped pump with mesh safety guard on pump 2 No flow from pump 2 suspect that rags and debris caught in impeller, PS #1 Pump 2 PM - Quarterly Wetwell inspection Opene Windriver in to clean wetwell Lowered v. Wetwell inspection Qua Dry well / wet well penetration Clean debris from wetwell with windriver Wetwell inspection Turned off station 1 for project at station 3 discharge force main Inspection of wetwell for debris Inspection of wetwell with windriver Wetwell inspection Examined wetwell inspection PS #3 Inspection - Monthly	complete com

121	VI. 222 - 1 255 V			
	2369	7/1/2016	PS #3 Inspection - Monthly	Completed
	2543 2759	8/8/2016 9/1/2016	PS #3 Inspection - Monthly PS #3 Inspection - Monthly	Completed
	2859	8/17/2016	Pump out debris island from wet well by wind river, also remove the diffuser to clean it, and install a lifting rope to aid in removal of diffuser. We have cleared the rags and debris from the wet well by wind river pumping ,also clean up the diffuser from the rags attached to it	Completed
	2860	8/18/2016	Pump out debris island from wet well by wind river, also remove the diffuser to clean it, and install a lifting rope to aid in removal of diffuser. We have cleared the rags and debris from the wet well by wind river pumping ,also clean up the diffuser from the rags attached to it	Completed
	2933	11/23/2016	Assisted by Eric Sutton, check out the dry well condition grease the pump and motor check sump pump operations, all good now sump pump needed to have a new check valve installed, with parts	Completed
	3102	11/4/2016	we have in inventory. PS #3 Inspection - Monthly	Completed
V	3213	10/6/2016	Swapped out 4" pump to a 6" pump do to pump 2 out of service ES,JC swapped 4" pump to a 6" pump do to pump 2 out of service	Completed
	3305	12/29/2016	PS #3 Inspection - Monthly Wetwell Inspected. Debris level estimated at 50% Open manhole inspect for debris and grease take picture and	Completed
PS 3 Aerator	2115	4/20/2016	Inspection of wetwell aerator debris and grease document on DO forms Aerator was over heating do to letting wetwell being	Completed
	2128	4/28/2016	raised for discharge project Opened manhole inspected earator for operational status running	Completed
De a Duildin-	2626	7/1/2016 3/15/2016	Inspection of earator well	Completed
PS 3 Building	1930 2221	5/3/2016	Fall protection safety audit #17 Task completed safety audit item #17	Completed
PS 3 By-Pass System (Old)	1440	1/7/2016	Location of mystery drain back valve Evaluate, investigate and metal detect for bypass valves also located mystery drain valve	Completed
PS 3 Generator	1197	1/5/2016	PS #3 Generator Inspection and Load Test - Monthly Ran generator load test completel	Completed
1	1198	1/5/2016	PS #3 Generator Inspection and Test - Weekly Ran generator load test complete Power loss on 1/10/16, emergency generator ran for 4 hours under	Completed
	1199	1/14/2016	PS #3 Generator Inspection and Test - Weekly load, ran generator no load today !	Completed
	1200 1201	1/19/2016	PS #3 Generator Inspection and Test - Weekly PS #3 Generator Inspection and Test - Weekly	Completed
	1376	2/2/2016	PS #3 Generator Inspection and Test - Weekly No load	Completed
	1377	2/12/2016	PS #3 Generator Inspection and Test - Weekly Ran generator load test completel	Completed
	1378 1379	2/1/2016	PS #3 Generator Inspection and Test - Weekly PS #3 Generator Inspection and Test - Weekly No load	Completed
	1380	2/1/2016	PS #3 Generator Inspection and Load Test - Monthly	Completed
	1495	1/26/2016	Intake louver assembly for the emergency generator not operating, Had the parts at the plant, to replace the missing parts of the louver assembly . replaced parts and tested ,operating normall Again	Completed
	1550	3/1/2016	PS #3 Generator Inspection and Test - Weekly PS #3 Generator Inspection and Test - Weekly Ran generator no load todayl	Complete
	1551 1552	3/16/2016 3/22/2016	PS #3 Generator Inspection and Test - Weekly Ran generator no load today! PS #3 Generator Inspection and Test - Weekly Ran generator no load today!	Complete
	1553	3/1/2016	PS #3 Generator Inspection and Load Test - Monthly	Complete
	1793	4/12/2016	PS #3 Generator Inspection and Load Test - Monthly Load test	Complete
	1794	3/29/2016 4/20/2016	PS #3 Generator Inspection and Test - Weekly PS #3 Generator Inspection and Test - Weekly	Complete Complete
	1797 1798	5/12/2016	PS #3 Generator inspection and Test - Weekly PS #3 Generator inspection and Test - Weekly weekly generator run	Complete
	2021	5/10/2016	PS #3 Generator Inspection and Test - Weekly	Complete
	2022	5/24/2016	PS #3 Generator Inspection and Test - Weekly	Complete Complete
	2023 2024	5/1/2016 5/4/2016	PS #3 Generator Inspection and Test - Weekly PS #3 Generator Inspection and Load Test - Monthly	Complete
	2176	6/1/2016	PS #3 Generator Inspection and Test - Weekly	Complete
	2177	6/1/2016	PS #3 Generator Inspection and Test - Weekly	Complete Complete
	2178 2179	6/1/2016 6/21/2016	PS #3 Generator Inspection and Test - Weekly PS #3 Generator Inspection and Test - Weekly	Complete
	2180	7/1/2016	PS #3 Generator Inspection and Test - Weekly	Complete
	2181	6/3/2016	PS #3 Generator Inspection and Load Test - Monthly	Complete
	2380 2381	7/8/2016 7/8/2016	PS #3 Generator Inspection and Load Test - Monthly PS #3 Generator Inspection and Test - Weekly	Complete Complete
	2382	7/14/2016	PS #3 Generator Inspection and Test - Weekly	Complete
	2383	7/1/2016	PS #3 Generator Inspection and Test - Weekly	Complete
	2384 2557	7/31/2016 8/1/2016	PS #3 Generator Inspection and Test - Weekly PS #3 Generator Inspection and Load Test - Monthly	Complete
	2558	8/7/2016	PS #3 Generator Inspection and Test - Weekly	Complete
	2559	8/16/2016	PS #3 Generator Inspection and Test - Weekly Ran generator load test completel	Complete
	2560 2561	8/16/2016 8/25/2016	PS #3 Generator Inspection and Test - Weekly PS #3 Generator Inspection and Test - Weekly	Complete Complete
	2562	8/29/2016	PS #3 Generator Inspection and Test - Weekly Ran generator no load today!	Complete
	2770	9/6/2016	PS #3 Generator Inspection and Test - Weekly	Complete
	2771 2772	9/1/2016	PS #3 Generator Inspection and Test - Weekly PS #3 Generator Inspection and Test - Weekly	Complete Complete
	2773	9/1/2016	PS #3 Generator Inspection and Test - Weekly PS #3 Generator Inspection and Test - Weekly	Complete
	2774	9/12/2016	PS #3 Generator Inspection and Load Test - Monthly Ran generator load test completel	Complete
	2944 2945	10/3/2016 10/1/2016	PS #3 Generator Inspection and Test - Weekly PS #3 Generator Inspection and Test - Weekly	Complete Complete
	2946	10/1/2016	PS #3 Generator Inspection and Test - Weekly	Complete
	2947	10/30/2016	PS #3 Generator Inspection and Test - Weekly	Complete
	2948	10/11/2016	PS #3 Generator Inspection and Load Test - Monthly Fan belt on generator needs to be checked and tighten,	Complete
	3116 3117	11/1/2016	PS #3 Generator Inspection and Test - Weekly PS #3 Generator Inspection and Test - Weekly	Complete
	3118	11/1/2016	PS #3 Generator Inspection and Test - Weekly	Complete
	3119	11/1/2016	PS #3 Generator Inspection and Test - Weekly	Complete Complete
	3120 3121	11/28/2016 11/1/2016	PS #3 Generator Inspection and Test - Weekly PS #3 Generator Inspection and Load Test - Monthly	Complete
	3225	10/13/2016	Charging system is not charging suspect that the belt is loose, battery is discharging when running. Access the belts by removing shroud and tighten 2 belts, Charge system is charging again!	Complete
	3228	10/13/2016	Outdated battery for the emergency generator needs to be replaced, Replaced battery on the generator also the charging system is not charging, loose fan belt need to be tightened, operating normal again.	Complete
\ /	3316	12/5/2016	PS #3 Generator Inspection and Test - Weekly	Complete
V	3317	12/20/2016	PS #3 Generator Inspection and Test - Weekly Ran generator load test todayl	Complete
1/	3318	12/1/2016	PS #3 Generator Inspection and Test - Weekly Work Completed. PS #3 Generator Inspection and Test - Weekly	Complete

	2026	5/26/2016	PS #3 Pump 2 PM - Quarterly		Comple
PS 3 Pump 2	1382	2/29/2016	PS #3 Pump 2 PM - Quarterly	Grease the pump and motor pumps 1 and 2	Comple
	2026	8/11/2016	PS #3 Pump 2 PM - Quarterly PS #3 Pump 2 PM - Quarterly		Comple
	2504	8/11/2016	PS #3 Pump 2 Pm - Quarterly	Using 3 chain falls and the crane truck hoisted motor up and out	Comple
	2847	8/11/2016	Pulled out pump 2 motor to be inspected	and brought back to plant for further investigation	Comple
	3057	9/26/2016	Pump 2 Assembly in need of repair/replacement	Reassembled the wheel valve. Operating normally	Comple
	3060	9/28/2016	Pulled pump 2 do to leaking seal also inspect inside volute and wear ring	ES,RC,BB pulled pump 2 inspected volute, made temporary volute cover out of 2 pieces of 3/4 plywood @ 26" in diameter also sprayed down station and cleaned loaded pump on truck brought back to plant	Comple
	3061	9/29/2016	Pulled pump 2 do to leaking seal also inspect inside volute and wear ring	ES,RC,BB pulled pump 2 inspected volute, made temporary volute cover out of 2 pieces of 3/4 plywood @ 25" in diameter also sprayed down station and cleaned loaded pump on truck brought back to plant	Comple
	3064	9/29/2016	Pulled pump 2 do to leaking seal also inspect inside volute and wear ring	ES,RC,BB pulled pump 2 inspected volute, made temporary volute cover out of 2 pieces of 3/4 plywood @ 26" in diameter also sprayed down station and cleaned loaded pump on truck brought back to plant	Comple
	3123	11/4/2016	PS #3 Pump 2 PM - Quarterly		Comple
	3395	11/16/2016	Put rubber gasket on volute do to leaking	Pressure washed station 3 removed volute cover put gasket maker and rubber gasket on volute installed wooden cover tightened bolts then a final wash of station	Comple
	3550	12/8/2016	Install of new split seal on repaired rotating assembly	Chesterton rep onsite at plant to install the split seal before the rotating assembly goes back into station 3. Greg the rep also trained Rick Jody Bill &Aram on how the seal gets installed and some operation startup tips	Comple
	3565	12/13/2016	Pump Station Cleanout	Filled tote with 2 gal hypochlorite and rest potable water. Attached booster pump and hose and sprayed down pump level at ps3	Comple
	3568	12/14/2016	Reinstalled pump and motor after being repaired	Unloaded crane truck using crane, using chain fall to lower pump, and motor installing both	Comple
	3570	12/14/2016	Eric Jodi Rick at station 3 to reinstall pump 2 motor and pump		Comple
	3574	12/15/2016	Andy McKenzie installing repaired VFD and connecting electrical whip to newly repaired motor		Comple
V	3580	12/15/2016	Part 2 of 3 W/O station 3 of start up of pump 2, Reference W/O # 1- 3574	After getting power to pump 2 we opened the discharge and suction sides of pump. Pump still vibrates past 40 hz Aram present he has determined to further investigate issue by pulling pump and	Comple
				see if debris in line sounds like its cavitating	0 1
PS 3 Sump Pump	3406	11/22/2016	Sump pump check valve failure	Es Rc replaced failed sump pump now operational	Comple
PS 3 Wet Well	1450	1/8/2016	Check wetwell for debris	Opened manhole for inspection of debris	Comple
	1736	2/29/2016	Wetwell Inspections	Low amount of debris	Comple
	1896	3/1/2016	Wet well / drywell penatrations		Comple
	1959	3/29/2016	Inspection of wetwell for debris	Inspection of wetwell for debris to clean No cleaning required	Comple
	2109	4/14/2016	Inspection of wetwell for debris and check aerator operating system	Opened manhole inspected for debris and aerator for operation	Comple
	2124	4/27/2016	Trial run on shutting of pumps a station 1, A,and 3 to see how long we can work on station 3 discharge force main at water st and nantasket ave	Turned of stations, stayed at station 3 had communications at plant to watch other stations on scada when station A went in alarm went check on wetwell we have a 2 hr window on this project before pumps at station should be turned back on	Comple
	2288	5/16/2016	Inspection	Non needed	Comple
	2442	6/8/2016	Inspection of wetwell for debris	Opened wetwell for inspection of debris 0% debris	Comple
11/	2683	7/14/2016	Wetwell inspection	Wetwell Inspected. About 40% surface solids	Comple
V	3202	10/5/2016	Wetwell Inspected	Wetwell Inspected, Little to no debris present.	Comple
	3204	10/5/2016	Wetwell Inspected	Wetwell Inspected. Little to no debris present	Comple
	1187	1/13/2016	PS #4 Inspection - Monthly		Comple
PS 4	1364	2/1/2016	PS #4 Inspection - Monthly		Comple
PS 4	7077075			Installed on both pumps safety mesh to prevent accidentally	
PS 4	1496	1/26/2016	Protective mesh for pump 1 and 2	Installed on both pumps safety mesh to prevent accidentally coming in contact with rotating parts,	
PS 4	1496 1539	1/26/2016 3/21/2016	PS #4 Inspection - Monthly		Comple
PS 4	1496 1539 1782	1/26/2016 3/21/2016 4/14/2016	PS #4 Inspection - Monthly PS #4 Inspection - Monthly		Comple
PS 4	1496 1539 1782 2008	1/26/2016 3/21/2016 4/14/2016 5/4/2016	PS #4 Inspection - Monthly PS #4 Inspection - Monthly PS #4 Inspection - Monthly		Comple Comple
PS 4	1496 1539 1782 2008 2165	1/26/2016 3/21/2016 4/14/2016 5/4/2016 6/1/2016	PS #4 Inspection - Monthly		Comple Comple Comple
PS 4	1496 1539 1782 2008 2165 2370	1/26/2016 3/21/2016 4/14/2016 5/4/2016 6/1/2016 7/1/2016	PS #4 Inspection - Monthly		Comple Comple Comple Comple
PS 4	1496 1539 1782 2008 2165 2370 2544	1/26/2016 3/21/2016 4/14/2016 5/4/2016 6/1/2016 7/1/2016 8/8/2016	PS #4 Inspection - Monthly		Comple Comple Comple Comple Comple
PS 4	1496 1539 1782 2008 2165 2370	1/26/2016 3/21/2016 4/14/2016 5/4/2016 6/1/2016 7/1/2016	PS #4 Inspection - Monthly	coming in contact with rotating parts,	Comple Comple Comple Comple Comple
PS 4	1496 1539 1782 2008 2165 2370 2544 2760	1/26/2016 3/21/2016 4/14/2016 5/4/2016 6/1/2016 7/1/2016 8/8/2016 9/1/2016	PS #4 Inspection - Monthly		Comple Comple Comple Comple Comple Comple
PS 4	1496 1539 1782 2008 2165 2370 2544 2760	1/26/2016 3/21/2016 4/14/2016 5/4/2016 6/1/2016 7/1/2016 8/8/2016 9/1/2016	PS #4 Inspection - Monthly	coming in contact with rotating parts, Assisted by Eric Sutton we checked out the dry well and grease the pump and motor check sump pump operations. All good at this	Comple Comple Comple Comple Comple Comple Comple Comple
PS 4	1496 1539 1782 2008 2165 2370 2544 2760 2934	1/26/2016 3/21/2016 4/14/2016 5/4/2016 6/1/2016 7/1/2016 8/8/2016 9/1/2016 11/23/2016 11/4/2016	PS #4 Inspection - Monthly	coming in contact with rotating parts, Assisted by Eric Sutton we checked out the dry well and grease the pump and motor check sump pump operations. All good at this time Wetwell Inspected. Debris level estimated at 3%	Comple
PS4	1496 1539 1782 2008 2165 2370 2544 2760 2934	1/26/2016 3/21/2016 4/14/2016 5/4/2016 6/1/2016 7/1/2016 8/8/2016 9/1/2016 11/23/2016 11/4/2016	PS #4 Inspection - Monthly	coming in contact with rotating parts, Assisted by Eric Sutton we checked out the dry well and grease the pump and motor check sump pump operations. All good at this time	Comple
PS 4 PS 4 Building	1496 1539 1782 2008 2165 2370 2544 2760 2934 3103 3306	1/26/2016 3/21/2016 4/14/2016 5/4/2016 6/1/2016 7/1/2016 8/8/2016 9/1/2016 11/23/2016 11/4/2016 12/29/2016	PS #4 Inspection - Monthly	Assisted by Eric Sutton we checked out the dry well and grease the pump and motor check sump pump operations. All good at this time Wetwell Inspected. Debris level estimated at 3% Glenn from FES Electrical Systems on site, Replaced junction box and wiring inside for Pumps 1 and 2 using seal tight PVC for piping containing wires. Piped in outlet for sump pump. Installed new high	Comple Comple Comple Comple Comple Comple Comple Comple
V	1496 1539 1782 2008 2185 2370 2544 2760 2934 3103 3306 3400	1/26/2016 3/21/2016 4/14/2016 5/4/2016 6/1/2016 7/1/2016 8/8/2016 9/1/2016 11/23/2016 11/4/2016 12/29/2016	PS #4 Inspection - Monthly Pumps 1 & 2 Electrical Replacing	Assisted by Eric Sutton we checked out the dry well and grease the pump and motor check sump pump operations. All good at this time Wetwell Inspected. Debris level estimated at 3% Glenn from FES Electrical Systems on site. Replaced junction box and wiring inside for Pumps 1 and 2 using seal tight PVC for piping containing wires. Piped in outlet for sump pump. Installed new high level float for drywell. Installed new light fixture for lower level.	Comple
V	1496 1539 1782 2008 2185 2370 2544 2760 2934 3103 3306	1/26/2016 3/21/2016 4/14/2016 5/4/2016 6/1/2016 7/1/2016 8/8/2016 9/1/2016 11/23/2016 11/4/2016 12/29/2016 11/17/2016	PS #4 Inspection - Monthly	Assisted by Eric Sutton we checked out the dry well and grease the pump and motor check sump pump operations. All good at this time Wetwell Inspected. Debris level estimated at 3% Glenn from FES Electrical Systems on site. Replaced junction box and wiring inside for Pumps 1 and 2 using seal tight PVC for piping containing wires. Piped in outlet for sump pump. Installed new high level float for drywell. Installed new light fixture for lower level. Looks good RICK CLARK PAINTED BACK OF STATION Ran generator load test complete!	Comple
PS 4 Building	1496 1539 1782 2008 2185 2370 2544 2760 2934 3103 3306 3400	1/26/2016 3/21/2016 4/14/2016 5/4/2016 5/4/2016 7/1/2016 8/8/2016 9/1/2016 11/23/2016 11/4/2016 12/29/2016 11/17/2016	PS #4 Inspection - Monthly	Assisted by Eric Sutton we checked out the dry well and grease the pump and motor check sump pump operations. All good at this time Wetwell Inspected. Debris level estimated at 3% Glenn from FES Electrical Systems on site. Replaced junction box and wiring inside for Pumps 1 and 2 using seal tight PVC for piping containing wires. Piped in outlet for sump pump. Installed new high level float for drywell. Installed new light fixture for lower level. Looks good RICK CLARK PAINTED BACK OF STATION	Comple
PS 4 Building	1496 1539 1782 2008 2165 2370 2544 2760 2934 3103 3306 3400 1934 2444 1202 1203	1/26/2016 3/21/2016 4/14/2016 4/14/2016 6/1/2016 7/1/2016 8/8/2016 9/1/2016 11/23/2016 11/4/2016 11/4/2016 11/17/2016 3/17/2016 1/5/2016 1/13/2016 1/13/2016	PS #4 Inspection - Monthly PS #4 Inspection - Mo	Assisted by Eric Sutton we checked out the dry well and grease the pump and motor check sump pump operations. All good at this time Wetwell Inspected. Debris level estimated at 3% Glenn from FES Electrical Systems on site. Replaced junction box and wiring inside for Pumps 1 and 2 using seal tight PVC for piping containing wires. Piped in outlet for sump pump. Installed new high level float for drywell. Installed new light fixture for lower level. Looks good RICK CLARK PAINTED BACK OF STATION Ran generator load test complete! Power loss on 1/10/136 the emergency generator ran for aprox.4	Comple
PS 4 Building	1496 1539 1782 2008 2185 2370 2544 2760 2934 3103 3306 3400 1934 2444 1202 1203	1/26/2016 3/21/2016 4/14/2016 5/4/2016 5/4/2016 7/1/2016 8/8/2016 9/1/2016 11/23/2016 11/4/2016 12/29/2016 3/17/2016 7/22/2016 1/5/2016 1/13/2016	PS #4 Inspection - Monthly	Assisted by Eric Sutton we checked out the dry well and grease the pump and motor check sump pump operations. All good at this time Wetwell Inspected. Debris level estimated at 3% Glenn from FES Electrical Systems on site. Replaced junction box and wiring inside for Pumps 1 and 2 using seal tight PVC for piping containing wires. Piped in outlet for sump pump. Installed new high level float for drywell. Installed new light fixture for lower level. Looks good RICK CLARK PAINTED BACK OF STATION Ran generator load test complete! Power loss on 1/10/136 the emergency generator ran for aprox.4	Comple

PS4 Gen

	Gen.	1					
		1383	2/1/2016	PS #4 Generator Inspection and Load Test - Monthly		Complet	
		1384	2/2/2016	PS #4 Generator Inspection and Test - Weekly	No load	Complet	
		1385	2/12/2016	PS #4 Generator Inspection and Test - Weekly	Ran generator load test completel	Complet	
		1386	2/17/2016	PS #4 Generator Inspection and Test - Weekly		Complet	
		1387	2/21/2016	PS #4 Generator Inspection and Test - Weekly	No load During load testing of emergency generator engine performance	Complet	
		1446	1/6/2016	etation A is not sufficient for the staring of numes not good highland power co. Came and changed		Complet	
		1554	3/6/2016		Generator LOAD-TEST performed, HERTZ - 60, AC VOLTS - 400, AC AMPERES - 0, OIL PRESS - 75, WATER TEMP - 180, BATTERY - 14.	Completed	
		1556	3/1/2016	PS #4 Generator Inspection and Test - Weekly			
		1557	3/16/2016	PS #4 Generator Inspection and Test - Weekly	Ran generator no load todayl	Complet	
		1558	3/1/2016	PS #4 Generator Inspection and Test - Weekly		Complete	
		1799	3/29/2016	PS #4 Generator Inspection and Test - Weekly		Complete	
		1802	4/20/2016	PS #4 Generator Inspection and Test - Weekly		Complete	
		1803	5/12/2016	PS #4 Generator Inspection and Test - Weekly	weekly generator run	Complet	
		1804	4/12/2016	PS #4 Generator Inspection and Load Test - Monthly	Load test	Complet	
		2027	5/4/2016	PS #4 Generator Inspection and Load Test - Monthly		Complet	
		2029	5/10/2016	PS #4 Generator Inspection and Test - Weekly		Complet	
		2030	5/24/2016	PS #4 Generator Inspection and Test - Weekly		Complet	
		2031	5/1/2016	PS #4 Generator Inspection and Test - Weekly		Complet	
		2182	6/3/2016	PS #4 Generator Inspection and Load Test - Monthly		Complet	
		2183	6/1/2016	PS #4 Generator Inspection and Test - Weekly		Complet	
		2184	6/1/2016	PS #4 Generator Inspection and Test - Weekly		Complet	
		2185	6/1/2016	PS #4 Generator Inspection and Test - Weekly		Complet	
		2186	6/21/2016	PS #4 Generator Inspection and Test - Weekly		Complet	
		2187	7/1/2016	PS #4 Generator Inspection and Test - Weekly		Complet	
						Comple	
		2385	7/8/2016	PS #4 Generator Inspection and Test - Weekly			
	-	2386	7/14/2016	PS #4 Generator Inspection and Test - Weekly		Comple	
		2387	7/1/2016	PS #4 Generator Inspection and Test - Weekly		Comple	
	_	2388	7/31/2016	PS #4 Generator Inspection and Test - Weekly		Comple	
		2389	7/8/2016	PS #4 Generator Inspection and Load Test - Monthly		Comple	
		2565	8/7/2016	PS #4 Generator Inspection and Test - Weekly		Comple	
	-1	2566	8/16/2016	PS #4 Generator Inspection and Test - Weekly	Ran generator load test complete!	Comple	
		2567	8/16/2016	PS #4 Generator Inspection and Test - Weekly		Comple	
		2568	8/25/2016	PS #4 Generator Inspection and Test - Weekly	Ran generator no load todayl	Comple	
		2569	8/29/2016	PS #4 Generator Inspection and Test - Weekly	Ran generator no load today!	Comple	
		2570	8/1/2016	PS #4 Generator Inspection and Load Test - Monthly		Comple	
		2775	9/12/2016	PS #4 Generator Inspection and Load Test - Monthly	Ran generator load test completel	Comple	
		2776	9/6/2016	PS #4 Generator Inspection and Test - Weekly		Comple	
		2777	9/1/2016	PS #4 Generator Inspection and Test - Weekly		Comple	
		2778	9/20/2016	PS #4 Generator Inspection and Test - Weekly		Comple	
		2779	9/1/2016	PS #4 Generator Inspection and Test - Weekly		Complet	
	_	2949	10/11/2016	PS #4 Generator Inspection and Load Test - Monthly	Load test completel	Complet	
	_	2950	10/3/2016	PS #4 Generator Inspection and Test - Weekly	Loud test completes	Complet	
	_		10/1/2016			Complet	
	_	2951		PS #4 Generator Inspection and Test - Weekly		Complet	
	-	2952	10/1/2016	PS #4 Generator Inspection and Test - Weekly			
	_	2953	10/30/2016	PS #4 Generator Inspection and Test - Weekly		Complet	
	_	3124	11/1/2016	PS #4 Generator Inspection and Load Test - Monthly			
		3125	11/6/2016	PS #4 Generator Inspection and Test - Weekly		Complet	
		3126	11/1/2016	PS #4 Generator Inspection and Test - Weekly		Complet	
	-	3127	11/1/2016	PS #4 Generator Inspection and Test - Weekly		Complet	
		3128	11/1/2016	PS #4 Generator Inspection and Test - Weekly		Comple	
	-	3129	11/28/2016	PS #4 Generator Inspection and Test - Weekly		Comple	
		3229	10/13/2016	Battery for the emergency generator needs to be	Remove the old battery and replace, with new replacement!	Complet	
		2010000		replaced ,outdated 2007 vintagel			
		3321	12/1/2016	PS #4 Generator Inspection and Load Test - Monthly	Work Completed.	Complet	
	1	3322	12/5/2016	PS #4 Generator Inspection and Test - Weekly		Complet	
	1	3323	12/20/2016	PS #4 Generator Inspection and Test - Weekly	Ran generator load test todayl	Complet	
	1/	3324	12/1/2016	PS #4 Generator Inspection and Test - Weekly	Work Completed,	Complet	
	4	3325	12/29/2016	PS #4 Generator Inspection and Test - Weekly		Complet	
PS 4 GridBe	ee Aerator	2638	7/7/2016	Install BridBee Aerator		Complet	
		2648	7/1/2016	Install aerator in wet well		Complet	
		3389	11/12/2016	Wire in to breaker panel and on/off switch	Work completed on 11/9/16.conduit and wiring completed by Glenn	Complet	
	V				Fellows		
	Compressor	2642	7/1/2016	PS 4 compressor dedicated electrical circuit		Complet	
S 4 Piping a	and Valves	2797	9/7/2016	Exercise valves		Complet	
	1	2834	8/8/2016	Inspection of the pumps at station 4 grease, and	PM Completed. Refer to previous work	Complet	
	V	0.0000000000000000000000000000000000000		measure the check valves for size			
PS 4 Pu	ımp 1	1388	2/29/2016	PS #4 Pump 1 PM - Quarterly	Grease the pump and motor	Complet	
		1493	2/4/2016	Drive coupler in need of replacement,		Complet	
		1504	6/8/2016	Change coupler on pump 1	Changed out coupler	Complet	
		2032	5/26/2016	PS #4 Pump 1 PM - Quarterly		Complet	
	No	2571	8/11/2016	PS #4 Pump 1 PM - Quarterly		Complet	
	UT.	3130	11/4/2016	PS #4 Pump 1 PM - Quarterly		Complet	
PS 4 Pu	ımp 2	1389	2/29/2016	PS #4 Pump 2 PM - Quarterly	Grease the pump and motor	Complet	
		1505	1/29/2016	Hard to start	With Tom Decosta, Eric Sutton no check soft-start and bypass start up of both pumps. Pump 2 drawing 46 amps, versus 33 amps for pump one. Pump 2 pumps ok, but comes to dead stop, when shut down. Suspect debris in volute in between casing and impeller.	Complet	
		2033	5/26/2016	PS #4 Pump 2 PM - Quarterly		Complet	
		2572	8/11/2016	PS #4 Pump 2 PM - Quarterly		Complet	
	V	3131	11/4/2016	PS #4 Pump 2 PM - Quarterly		Complet	
PS 4 We	t Well	1451	1/8/2016	Check manhole for debris	Opened manhole for inspection of debris	Complet	
1 0 4 VVE	- Treii	1488	1/21/2016	Windriver in to clean wetwell	Lowered vacuum pipe removed debris from wetwell	Complet	
		1737	2/29/2016	Wetwell inspection	Quarter of wetwell covered in debris	Complet	
			212312010	wetwell inspection	Angiter of Metwell covered in dentile	Southie	
				Wat well I drawell penetrations for section systs—		Complet	
		1898	3/1/2016	Wet well / drywell penstrations for aeration system	Vactored wetwell of debrie with windriver		
	d.			Cleaned wetwell of debris with windriver	Vactored wetwell of debris with windriver Wetwell Inspected. Slight amount of rags and debris on surface of	Complet Complet	

	2239	7/22/2016	Inspection of wetwell for debris	windriver in to clean wetwell	Comple
777 - 17 7 7 7 7 7	2289	5/16/2016	Inspection	Monitor debris accumulation	Comple
	2443	6/1/2016	Inspection of wetwell for debris		Comple
1/	2684	7/14/2016	Wetwell inspection	Wetwell Inspected, Little to no surface solids	Comple
V	3205	10/5/2016	Wetwell Inspected	Wetwell Inspected. Little to no debris present	Comple
PS 5	1188	1/13/2016	PS #5 Inspection - Monthly		Comple
-	1365	2/1/2016	PS #5 Inspection - Monthly		Comple
	1494	1/25/2016	Safety mesh for pump 1 and 2	Covered with safety mesh both pumps, to prevent the possibility	Comple
	11/2/07/25	1,1000,00000000000000000000000000000000		of accident of rotating parts,	
	1540	3/21/2016	PS #5 Inspection - Monthly		Comple
	1783 2009	4/14/2016 5/4/2016	PS #5 Inspection - Monthly PS #5 Inspection - Monthly		Comple
	2166	6/1/2016	PS #5 Inspection - Monthly		Comple
	2371	7/1/2016	PS #5 Inspection - Monthly		Comple
	2545	8/1/2016	PS #5 Inspection - Monthly		Comple
	2761	9/1/2016	PS #5 Inspection - Monthly		Comple
				We removed the debris from wet well and the aeration diffuser,	
	2861	8/17/2016	Pump out debris island from wet well by wind riverl	assisted by wind river! Assisted by Eric Sutton, we checked out the dry well condition and	Comple
,	2935	11/23/2016	PS #5 Inspection - Monthly	grease the pump and motor, check out the sump pump operations, all good at this time.	Comple
V	3104 3307	11/4/2016 12/29/2016	PS #5 Inspection - Monthly PS #5 Inspection - Monthly	Wetwell Inspected. Debris level estimated at 10%	Comple
PS 5 Building	3403	11/22/2016	Hatch grating weak	eric was dispatched work order cut plywood to fit over grating	Comple
PS 5 Generator	1207	1/5/2016	PS #5 Generator Inspection and Load Test - Monthly	and an annual and an	Comple
Jenerator	1208	1/5/2016	PS #5 Generator Inspection and Test - Weekly	Ran generator load test complete	Comple
				Power loss on 1/10 /16 the emergency generator ran for 4 hours	
	1209	1/14/2016	PS #5 Generator Inspection and Test - Weekly	under load,	Comple
	1210	1/19/2016	PS #5 Generator Inspection and Test - Weekly	Ran generator no load today!	Comple
	1211	1/26/2016	PS #5 Generator Inspection and Test - Weekly		Comple
	1390	2/2/2016	PS #5 Generator Inspection and Test - Weekly	No load	Comple
	1391	2/12/2016	PS #5 Generator Inspection and Test - Weekly	Ran generator load test complete	Comple
	1392	2/17/2016	PS #5 Generator Inspection and Test - Weekly		Comple
	1393	2/21/2016	PS #5 Generator Inspection and Test - Weekly	No load	Comple
	1394	2/1/2016	PS #5 Generator Inspection and Load Test - Monthly		Comple
	1560	3/11/2016	PS #5 Generator Inspection and Test - Weekly	Ran generator no load todayl	Comple
	1561	3/16/2016	PS #5 Generator Inspection and Test - Weekly	Ran generator no load today!	Comple
	1562	3/1/2016	PS #5 Generator Inspection and Test - Weekly	Den generatorio di citati	Comple
	1563	3/4/2016	PS #5 Generator Inspection and Load Test - Monthly	Ran generator load test complete!	Comple
	1805	4/12/2016	PS #5 Generator Inspection and Load Test - Monthly	Load test	Comple
	1806 1809	3/29/2016 4/20/2016	PS #5 Generator Inspection and Test - Weekly		Comple
	1809	5/12/2016	PS #5 Generator Inspection and Test - Weekly PS #5 Generator Inspection and Test - Weekly	weekly generator run	Comple
	2035	5/12/2016	PS #5 Generator Inspection and Test - Weekly PS #5 Generator Inspection and Test - Weekly	weekly generator run	Comple
	2035	5/10/2016	PS #5 Generator Inspection and Test - Weekly PS #5 Generator Inspection and Test - Weekly		Comple
	2036	5/24/2016	PS #5 Generator Inspection and Test - Weekly PS #5 Generator Inspection and Test - Weekly		Comple
	2037	5/4/2016	PS #5 Generator Inspection and Load Test - Weekly		Comple
	2188	6/1/2016	PS #5 Generator Inspection and Load Test - Monthly PS #5 Generator Inspection and Test - Weekly		Comple
	2189	6/1/2016	PS #5 Generator Inspection and Test - Weekly		Comple
	2190	6/1/2016	PS #5 Generator Inspection and Test - Weekly		Comple
	2191	6/21/2016	PS #5 Generator Inspection and Test - Weekly		Comple
	2192	7/1/2016	PS #5 Generator Inspection and Test - Weekly		Comple
	2193	6/3/2016	PS #5 Generator Inspection and Load Test - Monthly		Comple
	2284	5/16/2016	Leaking coolant		Comple
	2390	7/8/2016	PS #5 Generator Inspection and Load Test - Monthly		Comple
	2391	7/8/2016	PS #5 Generator Inspection and Test - Weekly		Comple
	2392	7/14/2016	PS #5 Generator Inspection and Test - Weekly		Comple
	2393	7/1/2016	PS #5 Generator Inspection and Test - Weekly		Comple
	2394	7/31/2016	PS #5 Generator Inspection and Test - Weekly	2	Comple
	2483	6/25/2016	Redo wiring and install new breaker	Glenn repl and install new circuit breaker and wiring.	Comple
	2573	8/1/2016	PS #5 Generator Inspection and Load Test - Monthly		Comple
	2574	8/7/2016	PS #5 Generator Inspection and Test - Weekly	Pan generator load test complete!	Comple
	2575 2576	8/16/2016	PS #5 Generator Inspection and Test - Weekly	Ran generator load test complete!	Comple
	2577	8/16/2016 8/25/2016	PS #5 Generator Inspection and Test - Weekly PS #5 Generator Inspection and Test - Weekly	Ran generator no load todayl	Comple
	2578	8/29/2016	PS #5 Generator Inspection and Test - Weekly	Ran generator no load today!	Comple
	2780	9/6/2016	PS #5 Generator Inspection and Test - Weekly		Comple
	2781	9/1/2016	PS #5 Generator Inspection and Test - Weekly		Comple
	2782	9/20/2016	PS #5 Generator Inspection and Test - Weekly		Comple
	2783	9/1/2016	PS #5 Generator Inspection and Test - Weekly		Comple
	2784	9/12/2016	PS #5 Generator Inspection and Load Test - Monthly	Ran generator load test complete!	Comple
	2954	10/3/2016	PS #5 Generator Inspection and Test - Weekly		Comple
	2955	10/1/2016	PS #5 Generator Inspection and Test - Weekly		Comple
	2956	10/1/2016	PS #5 Generator Inspection and Test - Weekly		Comple
	2957	10/30/2016	PS #5 Generator Inspection and Test - Weekly		Comple
	2958	10/11/2016	PS #5 Generator Inspection and Load Test - Monthly	Load test completel Battery life is not good or charging system is not charging! I slow starting	Comple
	3132	11/6/2016	PS #5 Generator Inspection and Test - Weekly		Comple
	3133		PS #5 Generator Inspection and Test - Weekly		Comple
	3134 3135	11/1/2016	PS #5 Generator Inspection and Test - Weekly		Comple
	3135	11/1/2016 11/28/2016	PS #5 Generator Inspection and Test - Weekly PS #5 Generator Inspection and Test - Weekly		Comple
	3136	11/1/2016	PS #5 Generator Inspection and Test - Weekly PS #5 Generator Inspection and Load Test - Monthly		Comple
1	3230	10/13/2016	Battery for the emergency generator needs to be replaced, outdated vintage! 2007	Replace the old battery with a new battery station 5 had a dead battery to find that all of the battery's were outdated 2007 vintage,	Comple
	3326	12/5/2016	PS #5 Generator Inspection and Test - Weekly	operating normal again, I	Comple
	3326	12/3/2016	PS #5 Generator Inspection and Test - Weekly PS #5 Generator Inspection and Test - Weekly	Ran generator load test today!	Comple
	3327	12/1/2016	PS #5 Generator Inspection and Test - Weekly PS #5 Generator Inspection and Test - Weekly	Work Completed.	Comple
A c	3328	12/1/2016	PS #5 Generator Inspection and Test - Weekly PS #5 Generator Inspection and Test - Weekly	work completed.	Comple
-	3329	12/1/2016	PS #5 Generator Inspection and Test - Weekly PS #5 Generator Inspection and Load Test - Monthly	Work Completed.	Comple
S 5 Piping and Valves	2798	9/7/2016	Exercise valves		Comple
			PS #5 Pump 1 PM - Quarterly	Grease the pump and motor	Comple
PS 5 Pump 1	1395	2/29/2016	P5 #5 Pump 1 Pm = Quarteriv	Grease the pullb and motor	Compi

	2579	8/11/2016	PS #5 Pump 1 PM - Quarterly		Complet
	3138	11/4/2016	PS #5 Pump 1 PM - Quarterly		Complete
PS 5 Pump 2	1396	2/29/2016	PS #5 Pump 2 PM - Quarterly	Grease the pump and motor	Complete
	2040	5/26/2016	PS #5 Pump 2 PM - Quarterly	A CONTROL OF THE PROPERTY OF T	Complete
	2580	8/11/2016	PS #5 Pump 2 PM - Quarterly		Complete
	3139				
	3133	11/4/2016	PS #5 Pump 2 PM - Quarterly	ES DC arrived at leastless thereas	Complet
	3189	9/30/2016	Pump 2 has low flow rate do to being air bound	ES,RC arrived at location 1person went down bled pump, then ran	Complete
	17/6/75			pump now flow rate has returned to normal	
			Install the new air diffuser to station 5 Wet well,	Completed the new installation of six blaves system inside station	
	10000000	10000000000000	fabricate new supports to allow mounting of new air	Completed the new installation of air blower system inside station	Manager and Control
5 5 Reliant Aeration Diffusor	2103	4/11/2016	blower inside the building. Also mount air tubing thru	5 and fabricate the installation of the air supply hose inside conduit	Complete
7871				to enter the wet well below the cover!	
			side of building outside and underground		
	2116	4/20/2016	Inspection of wetwell aerator for debris and grease	Opened wetwell for debris and grease take picture and document	Complete
	2110	412012010	inspection of wetwen delater for debits and grease	on DO forms	Complete
				We raised the diffuser about 14 inches turned air back on cycled	
A Company	1.00	-88 dt 9	Pump 2 is running but not pumping, suspect that the	the pump 4 times we think that the diffuser was below the bell of	
1	2716	7/26/2016	pump is ragged up or air bound,	the intake of the pump and filling with air, causing the pump to go	Complete
1			pump is ragged up or an bound,		- 1000
				air bound,	
PS 5 Sump Pump	1854	3/3/2016	Sump pump on but not pumping		Complete
1	3019	10/24/2016	Sump Pump running but not pumping.	Replaced sump pump in PS 5	Complete
PS 5 Wet Well	1452	1/8/2016	Check manhole for debris	Opened manhole inspection of debris	Complete
100710171011	1485	1/21/2016	Station 5 wetwell cleaning	Lowered vacuum pipe removed debris from wetwell	Complete
	1738	2/29/2016	Wetwell inspection	Largely occupied by debris	Complete
	4072	01012040	Check wetwell and drywell penetrations for aeration		Committee
	1873	6/8/2016	system		Complete
	1874	3/1/2016	Drywell penetration line to wetwell	Documentation	Complete
	1904	3/3/2016	Clean wetwell with windriver	Vactored wetwell of debris	Complete
	1946	3/1/2016	Inspection of wetwell		Complete
	1962	3/29/2016	Wetwell inspection	Wetwell Inspected, 100% covered, Cleaning required	Complete
1	2405	414313046	Windshow in to steen wetwell	Vactored wetwell of debris, then installed aerator in wetwell then a	Co1 +
1	2105	4/13/2016	Windriver in to clean wetwell	bit later electrician finished wiring aerator motor and turn on	Complete

	2113	4/14/2016	Inspection of wetwell aerator and debris	Opened manhole inspected wetwell for debris and aerator working	Complete
	2240	5/1/2016	Inspection of wetwell for debris - PS 5		Complete
				WW ***	
	2290	5/16/2016	Inspection	Monitor debris accumulation	Complete
	2445	6/8/2016	Inspection of wetwell for debris	Opened wetwell for inspection of debris 0 % debris	Complete
	2685	7/14/2016	Wetwell inspection	Wetwell Inspected. Little to no surface solids present	Complet
	3191	9/30/2016	Inspection of wetwell for debris,	Inspection of wetwell,	Complet
- V	3206	10/5/2016	Wetwell Inspected	Wetwell Inspected. About 25% of debris on surface level	Complete
V.	3256	10/26/2016	Vaccum out floatables in wet well with windriver	Vac out wet well scum with wind river	Complet
PS 6	1189	1/13/2016	PS #6 Inspection - Monthly		Complete
	1366	2/1/2016	PS #6 Inspection - Monthly		Complete
	1541	3/21/2016	PS #6 Inspection - Monthly		Complete
	1741	2/29/2016	Pump 1&2 need safety mesh installed on the pump	Installed on the pump frame of pumps 1&2 safety mesh to prevent	Complete
	1741	2/23/2016	frame	the possibility of accident of rotating parts.	Complete
	1784	4/14/2016	PS #6 Inspection - Monthly		Complete
	2010	5/4/2016			
			PS #6 Inspection - Monthly		Complete
	2167	6/1/2016	PS #6 Inspection - Monthly		Complete
	2372	7/1/2016	PS #6 Inspection - Monthly		Complete
	2465	6/18/2016	Pump low gpm	Dragged pump 2	Complete
				Dragged pump 2	
	2546	8/1/2016	PS #6 Inspection - Monthly		Complet
terral transfer of the second	2762	9/1/2016	PS #6 Inspection - Monthly		Complete
		10 TO	NOTICE THE RESIDENCE OF THE PROPERTY OF THE PR	Assisted by Eric Sutton we checked out the dry well condition and	
	2936	11/23/2016	PS #6 Inspection - Monthly	grease the pump and motor check out the sump pump operations.	Complet
1	2000			All good at this time,	
	0405	441410040	DO 401 4 11 11	All good at this time,	
1/	3105	11/4/2016	PS #6 Inspection - Monthly		Complet
V	3308	12/29/2016	PS #6 Inspection - Monthly	Unable to see Wetwell	Complet
PS 6 Building	1935	3/17/2016	Safety audit iten 34 & 37	Safety by choice	Complet
	ASSOCIATION .		Checking high drywell floats at sump area high floats		2 managed towar
	2244	5/1/2016			Complete
	200,000		failed to reach scada		
				Brian cored a hole in 2nd level close to ceiling which was about 18"	
(1)	2628	7/6/2046	Installation of cridbes service		Complet
N.	2628	7/6/2016	Installation of gridbee earator	deep at ground level, we the installed pvc pipe ran earator hose	Complet
				thru pipe, lowered earator and turned on. Back filled trench	
				Moseurement of door is 2 0/6 44 satural alarmost in two fact to	
	2698	7/18/2016	Measurement of girls bathroom door	Measurement of door is 3,0/6-11 actual clearance is two foot ten	Complete
	2698	7/18/2016	Measurement of girls bathroom door	and a half, by six ten and a half	Complete
	2698	7/18/2016	Measurement of girls bathroom door	and a half, by six ten and a half Assisted by JG &PO - found leak of approx 5 to 10 gallons inside	Complete
	2698	7/18/2016	Measurement of girls bathroom door	and a half, by six ten and a half	Complet
				and a half, by six ten and a half Assisted by JG &PO - found leak of approx 5 to 10 gallons inside building on discharge tubing (existing tube). Tube was brittle and	
	2698 2708	7/18/2016 7/23/2016	Measurement of girls bathroom door Ferric chloride feed system leak	and a half, by six ten and a half Assisted by JG &PO - found leak of approx 5 to 10 gallons inside building on discharge tubing (existing tube). Tube was brittle and broke. Use drum pump to empty 5 gal pail and then hosed down	
				and a half, by six ten and a half Assisted by JG &PO - found leak of approx 5 to 10 gallons inside building on discharge tubing (existing tube). Tube was brittle and broke. Use drum pump to empty 5 gal pail and then hosed down walls and floors of all residual chemical. (All 4 levels). Reconnect	
V	2708	7/23/2016	Ferric chloride feed system leak	and a half, by six ten and a half Assisted by JG &PO - found leak of approx 5 to 10 gallons inside building on discharge tubing (existing tube). Tube was brittle and broke. Use drum pump to empty 5 gal pail and then hosed down walls and floors of all residual chemical. (All 4 levels). Reconnect and test ok.	Complet
PS 6 Generator				and a half, by six ten and a half Assisted by JG &PO - found leak of approx 5 to 10 gallons inside building on discharge tubing (existing tube). Tube was brittle and broke. Use drum pump to empty 5 gal pail and then hosed down walls and floors of all residual chemical. (All 4 levels). Reconnect and test ok. Ran generator load test completel	Complet
PS 6 Generator	2708 1217	7/23/2016 1/5/2016	Ferric chloride feed system leak PS #6 Generator Inspection and Test - Weekly	and a half, by six ten and a half Assisted by JG &PO - found leak of approx 5 to 10 gallons inside building on discharge tubing (existing tube). Tube was brittle and broke. Use drum pump to empty 5 gal pail and then hosed down walls and floors of all residual chemical. (All 4 levels). Reconnect and test ok.	Complet
PS 6 Generator	2708	7/23/2016	Ferric chloride feed system leak	and a half, by six ten and a half Assisted by JG &PO - found leak of approx 5 to 10 gallons inside building on discharge tubing (existing tube). Tube was brittle and broke. Use drum pump to empty 5 gal pail and then hosed down walls and floors of all residual chemical. (All 4 levels). Reconnect and test ok. Ran generator load test complete! Power loss on 1/10 /16 the emergency generator ran for 4 hours	Complet
PS 6 Generator	2708 1217 1218	7/23/2016 1/5/2016 1/14/2016	Ferric chloride feed system leak PS #6 Generator Inspection and Test - Weekly PS #6 Generator Inspection and Test - Weekly	and a half, by six ten and a half Assisted by JG &PO - found leak of approx 5 to 10 gallons inside building on discharge tubing (existing tube). Tube was brittle and broke. Use drum pump to empty 5 gal pail and then hosed down walls and floors of all residual chemical. (All 4 levels). Reconnect and test ok. Ran generator load test complete! Power loss on 1/10 /16 the emergency generator ran for 4 hours under load, ran today no load!	Complet Complet
PS 6 Generator	2708 1217 1218 1219	7/23/2016 1/5/2016 1/14/2016 1/19/2016	Ferric chloride feed system leak PS #6 Generator Inspection and Test - Weekly PS #6 Generator Inspection and Test - Weekly PS #6 Generator Inspection and Test - Weekly	and a half, by six ten and a half Assisted by JG &PO - found leak of approx 5 to 10 gallons inside building on discharge tubing (existing tube). Tube was brittle and broke. Use drum pump to empty 5 gal pail and then hosed down walls and floors of all residual chemical. (All 4 levels). Reconnect and test ok. Ran generator load test complete! Power loss on 1/10 /16 the emergency generator ran for 4 hours	Complet Complet Complet
PS 6 Generator	2708 1217 1218 1219 1220	7/23/2016 1/5/2016 1/14/2016 1/19/2016 1/26/2016	Ferric chloride feed system leak PS #6 Generator Inspection and Test - Weekly	and a half, by six ten and a half Assisted by JG &PO - found leak of approx 5 to 10 gallons inside building on discharge tubing (existing tube). Tube was brittle and broke. Use drum pump to empty 5 gal pail and then hosed down walls and floors of all residual chemical. (All 4 levels). Reconnect and test ok. Ran generator load test complete! Power loss on 1/10 /16 the emergency generator ran for 4 hours under load, ran today no load! Ran generator no load today!	Complet Complet Complet Complet
PS 6 Generator	2708 1217 1218 1219	7/23/2016 1/5/2016 1/14/2016 1/19/2016	Ferric chloride feed system leak PS #6 Generator Inspection and Test - Weekly PS #6 Generator Inspection and Test - Weekly PS #6 Generator Inspection and Test - Weekly	and a half, by six ten and a half Assisted by JG &PO - found leak of approx 5 to 10 gallons inside building on discharge tubing (existing tube). Tube was brittle and broke. Use drum pump to empty 5 gal pail and then hosed down walls and floors of all residual chemical. (All 4 levels). Reconnect and test ok. Ran generator load test complete! Power loss on 1/10 /16 the emergency generator ran for 4 hours under load, ran today no load!	Complet Complet Complet Complet
PS 6 Generator	2708 1217 1218 1219 1220 1221	7/23/2016 1/5/2016 1/14/2016 1/19/2016 1/26/2016 1/5/2016	Ferric chloride feed system leak PS #6 Generator Inspection and Test - Weekly PS #6 Generator Inspection and Test - Weekly PS #6 Generator Inspection and Test - Weekly PS #5 Generator Inspection and Test - Weekly PS #5 Generator Inspection and Test - Wenthly	and a half, by six ten and a half Assisted by JG &PO - found leak of approx 5 to 10 gallons inside building on discharge tubing (existing tube). Tube was brittle and broke. Use drum pump to empty 5 gal pail and then hosed down walls and floors of all residual chemical. (All 4 levels). Reconnect and test ok. Ran generator load test complete! Power loss on 1/10 /16 the emergency generator ran for 4 hours under load, ran today no load! Ran generator no load today!	Complet Complet Complet Complet Complet
PS 6 Generator	2708 1217 1218 1219 1220 1221 1408	7/23/2016 1/5/2016 1/14/2016 1/19/2016 1/26/2016 1/5/2016 2/1/2016	Ferric chloride feed system leak PS #6 Generator Inspection and Test - Weekly PS #6 Generator Inspection and Test - Weekly PS #6 Generator Inspection and Test - Weekly PS #5 Generator Inspection and Test - Weekly PS #5 Generator Inspection and Load Test - Monthly PS #5 Generator Inspection and Load Test - Monthly	and a half, by six ten and a half Assisted by JG &PO - found leak of approx 5 to 10 gallons inside building on discharge tubing (existing tube). Tube was brittle and broke. Use drum pump to empty 5 gal pail and then hosed down walls and floors of all residual chemical. (All 4 levels). Reconnect and test ok. Ran generator load test completel Power loss on 1/10 /16 the emergency generator ran for 4 hours under load , ran today no load! Ran generator no load today! Ran generator load test completel	Complet Complet Complet Complet Complet Complet
PS 6 Generator	2708 1217 1218 1219 1220 1221 1408 1409	7/23/2016 1/5/2016 1/14/2016 1/19/2016 1/5/2016 2/1/2016 2/1/2016	Ferric chloride feed system leak PS #6 Generator Inspection and Test - Weekly PS #5 Generator Inspection and Load Test - Monthly PS #5 Generator Inspection and Load Test - Monthly PS #6 Generator Inspection and Test - Weekly	and a half, by six ten and a half Assisted by JG &PO - found leak of approx 5 to 10 gallons inside building on discharge tubing (existing tube). Tube was brittle and broke. Use drum pump to empty 5 gal pail and then hosed down walls and floors of all residual chemical. (All 4 levels). Reconnect and test ok. Ran generator load test complete! Power loss on 1/10 /16 the emergency generator ran for 4 hours under load , ran today no load! Ran generator no load today! Ran generator load test complete! No load	Complet Complet Complet Complet Complet Complet Complet Complet
PS 6 Generator	2708 1217 1218 1219 1220 1221 1408 1409 1410	7/23/2016 1/5/2016 1/14/2016 1/19/2016 1/26/2016 1/5/2016 2/1/2016 2/1/2016	Ferric chloride feed system leak PS #6 Generator Inspection and Test - Weekly PS #6 Generator Inspection and Test - Weekly PS #6 Generator Inspection and Test - Weekly PS #5 Generator Inspection and Test - Weekly PS #5 Generator Inspection and Load Test - Monthly PS #5 Generator Inspection and Load Test - Monthly PS #6 Generator Inspection and Test - Weekly PS #6 Generator Inspection and Test - Weekly	and a half, by six ten and a half Assisted by JG &PO - found leak of approx 5 to 10 gallons inside building on discharge tubing (existing tube). Tube was brittle and broke. Use drum pump to empty 5 gal pail and then hosed down walls and floors of all residual chemical. (All 4 levels). Reconnect and test ok. Ran generator load test completel Power loss on 1/10 /16 the emergency generator ran for 4 hours under load , ran today no load! Ran generator no load today! Ran generator load test completel	Complet Complet Complet Complet Complet Complet Complet Complet Complet
PS 6 Generator	2708 1217 1218 1219 1220 1221 1408 1409	7/23/2016 1/5/2016 1/14/2016 1/19/2016 1/5/2016 2/1/2016 2/1/2016	Ferric chloride feed system leak PS #6 Generator Inspection and Test - Weekly PS #5 Generator Inspection and Load Test - Monthly PS #5 Generator Inspection and Load Test - Monthly PS #6 Generator Inspection and Test - Weekly	and a half, by six ten and a half Assisted by JG &PO - found leak of approx 5 to 10 gallons inside building on discharge tubing (existing tube). Tube was brittle and broke. Use drum pump to empty 5 gal pail and then hosed down walls and floors of all residual chemical. (All 4 levels). Reconnect and test ok. Ran generator load test complete! Power loss on 1/10 /16 the emergency generator ran for 4 hours under load , ran today no load! Ran generator no load today! Ran generator load test complete! No load	Complet Complet Complet Complet Complet Complet Complet Complet Complet
PS 6 Generator	2708 1217 1218 1219 1220 1221 1408 1409 1410 1411	7/23/2016 1/5/2016 1/14/2016 1/19/2016 1/26/2016 2/1/2016 2/1/2016 2/1/2016 2/1/2016 2/1/2016	Ferric chloride feed system leak PS #6 Generator Inspection and Test - Weekly PS #5 Generator Inspection and Load Test - Monthly PS #5 Generator Inspection and Load Test - Monthly PS #6 Generator Inspection and Test - Weekly PS #6 Generator Inspection and Test - Weekly PS #6 Generator Inspection and Test - Weekly	and a half, by six ten and a half Assisted by JG &PO - found leak of approx 5 to 10 gallons inside building on discharge tubing (existing tube). Tube was brittle and broke. Use drum pump to empty 5 gal pail and then hosed down walls and floors of all residual chemical. (All 4 levels). Reconnect and test ok. Ran generator load test completel Power loss on 1/10 /16 the emergency generator ran for 4 hours under load _, ran today no load! Ran generator no load today! Ran generator load test completel No load Ran generator load test complete	Complet
PS 6 Generator	2708 1217 1218 1219 1220 1221 1408 1409 1410 1411 1412	7/23/2016 1/5/2016 1/14/2016 1/19/2016 1/26/2016 1/5/2016 2/1/2016 2/1/2016 2/1/2016 2/1/2016 2/1/2016	Ferric chloride feed system leak PS #6 Generator Inspection and Test - Weekly PS #6 Generator Inspection and Test - Weekly PS #6 Generator Inspection and Test - Weekly PS #5 Generator Inspection and Load Test - Monthly PS #5 Generator Inspection and Load Test - Monthly PS #6 Generator Inspection and Test - Weekly	and a half, by six ten and a half Assisted by JG &PO - found leak of approx 5 to 10 gallons inside building on discharge tubing (existing tube). Tube was brittle and broke. Use drum pump to empty 5 gal pail and then hosed down walls and floors of all residual chemical. (All 4 levels). Reconnect and test ok. Ran generator load test completel Power loss on 1/10 /16 the emergency generator ran for 4 hours under load , ran today no load! Ran generator no load today! Ran generator load test completel No load Ran generator load test complete No load	Complet
PS 6 Generator	2708 1217 1218 1219 1220 1221 1408 1410 1411 1411 1412 1569	7/23/2016 1/5/2016 1/14/2016 1/19/2016 1/5/2016 2/1/2016 2/1/2016 2/17/2016 2/17/2016 2/17/2016 2/17/2016 3/4/2016	PS #6 Generator Inspection and Test - Weekly PS #5 Generator Inspection and Test - Weekly PS #5 Generator Inspection and Load Test - Monthly PS #5 Generator Inspection and Load Test - Monthly PS #6 Generator Inspection and Test - Weekly	and a half, by six ten and a half Assisted by JG &PO - found leak of approx 5 to 10 gallons inside building on discharge tubing (existing tube). Tube was brittle and broke. Use drum pump to empty 5 gal pail and then hosed down walls and floors of all residual chemical. (All 4 levels). Reconnect and test ok. Ran generator load test completel Power loss on 1/10 1/16 the emergency generator ran for 4 hours under load , ran today no load! Ran generator no load today! Ran generator load test completel No load Ran generator load test complete No load Ran generator load test complete	Complet
PS 6 Generator	2708 1217 1218 1219 1220 1221 1408 1409 1410 1411 1412	7/23/2016 1/5/2016 1/14/2016 1/19/2016 1/26/2016 1/5/2016 2/1/2016 2/1/2016 2/1/2016 2/1/2016 2/1/2016	Ferric chloride feed system leak PS #6 Generator Inspection and Test - Weekly PS #6 Generator Inspection and Test - Weekly PS #6 Generator Inspection and Test - Weekly PS #5 Generator Inspection and Load Test - Monthly PS #5 Generator Inspection and Load Test - Monthly PS #6 Generator Inspection and Test - Weekly	and a half, by six ten and a half Assisted by JG &PO - found leak of approx 5 to 10 gallons inside building on discharge tubing (existing tube). Tube was brittle and broke. Use drum pump to empty 5 gal pail and then hosed down walls and floors of all residual chemical. (All 4 levels). Reconnect and test ok. Ran generator load test completel Power loss on 1/10 /16 the emergency generator ran for 4 hours under load , ran today no load! Ran generator no load today! Ran generator load test completel No load Ran generator load test complete No load	Complet
PS 6 Generator	2708 1217 1218 1219 1220 1221 1408 1409 1411 1411 1412 1569	7/23/2016 1/5/2016 1/14/2016 1/19/2016 1/5/2016 2/1/2016 2/1/2016 2/17/2016 2/21/2016 2/21/2016 3/4/2016 3/11/2016	PS #6 Generator Inspection and Test - Weekly PS #5 Generator Inspection and Test - Weekly PS #5 Generator Inspection and Load Test - Monthly PS #6 Generator Inspection and Load Test - Monthly PS #6 Generator Inspection and Test - Weekly	and a half, by six ten and a half Assisted by JG &PO - found leak of approx 5 to 10 gallons inside building on discharge tubing (existing tube). Tube was brittle and broke. Use drum pump to empty 5 gal pail and then hosed down walls and floors of all residual chemical. (All 4 levels). Reconnect and test ok. Ran generator load test completel Power loss on 1/10 /16 the emergency generator ran for 4 hours under load , ran today no load! Ran generator no load today! Ran generator load test completel No load Ran generator load test complete No load Ran generator load test completel	Complet
PS 6 Generator	2708 1217 1218 1219 1220 1221 1408 1410 1411 1412 1569 1571	7/23/2016 1/5/2016 1/14/2016 1/19/2016 1/5/2016 2/1/2016 2/1/2016 2/1/2016 2/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016	PS #6 Generator Inspection and Test - Weekly PS #5 Generator Inspection and Load Test - Monthly PS #5 Generator Inspection and Load Test - Monthly PS #6 Generator Inspection and Test - Weekly	and a half, by six ten and a half Assisted by JG &PO - found leak of approx 5 to 10 gallons inside building on discharge tubing (existing tube). Tube was brittle and broke. Use drum pump to empty 5 gal pail and then hosed down walls and floors of all residual chemical. (All 4 levels). Reconnect and test ok. Ran generator load test completel Power loss on 1/10 1/16 the emergency generator ran for 4 hours under load , ran today no load! Ran generator no load today! Ran generator load test completel No load Ran generator load test complete No load Ran generator load test complete	Complet
PS 6 Generator	2708 1217 1218 1219 1220 1221 1408 1410 1411 1412 1569 1571 1572	7/23/2016 1/5/2016 1/14/2016 1/19/2016 1/5/2016 2/1/2016 2/1/2016 2/17/2016 2/17/2016 2/17/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016	PS #6 Generator Inspection and Test - Weekly PS #5 Generator Inspection and Load Test - Monthly PS #5 Generator Inspection and Load Test - Monthly PS #5 Generator Inspection and Test - Weekly PS #6 Generator Inspection and Test - Weekly	and a half, by six ten and a half Assisted by JG &PO - found leak of approx 5 to 10 gallons inside building on discharge tubing (existing tube). Tube was brittle and broke. Use drum pump to empty 5 gal pail and then hosed down walls and floors of all residual chemical. (All 4 levels). Reconnect and test ok. Ran generator load test completel Power loss on 1/10 /16 the emergency generator ran for 4 hours under load , ran today no load! Ran generator no load today! Ran generator load test completel No load Ran generator load test complete No load Ran generator load test completel	Complet
PS 6 Generator	2708 1217 1218 1219 1220 1221 1408 1409 1410 1411 1412 1569 1571 1572 1573 1817	7/23/2016 1/5/2016 1/14/2016 1/19/2016 1/5/2016 1/5/2016 2/1/2016 2/12/2016 2/12/2016 2/12/2016 3/12/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016	PS #6 Generator Inspection and Test - Weekly PS #5 Generator Inspection and Load Test - Monthly PS #5 Generator Inspection and Load Test - Monthly PS #6 Generator Inspection and Test - Weekly	and a half, by six ten and a half Assisted by JG &PO - found leak of approx 5 to 10 gallons inside building on discharge tubing (existing tube). Tube was brittle and broke. Use drum pump to empty 5 gal pail and then hosed down walls and floors of all residual chemical. (All 4 levels). Reconnect and test ok. Ran generator load test completel Power loss on 1/10 /16 the emergency generator ran for 4 hours under load , ran today no load! Ran generator no load today! Ran generator load test completel No load Ran generator load test complete No load Ran generator load test completel	Complet
PS 6 Generator	2708 1217 1218 1219 1220 1221 1408 1409 1410 1411 1412 1569 1571 1572 1573 1817	7/23/2016 1/5/2016 1/14/2016 1/19/2016 1/5/2016 1/5/2016 2/1/2016 2/12/2016 2/12/2016 2/12/2016 3/12/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016	PS #6 Generator Inspection and Test - Weekly PS #5 Generator Inspection and Test - Weekly PS #5 Generator Inspection and Load Test - Monthly PS #5 Generator Inspection and Load Test - Monthly PS #6 Generator Inspection and Test - Weekly	and a half, by six ten and a half Assisted by JG &PO - found leak of approx 5 to 10 gallons inside building on discharge tubing (existing tube). Tube was brittle and broke. Use drum pump to empty 5 gal pail and then hosed down walls and floors of all residual chemical. (All 4 levels). Reconnect and test ok. Ran generator load test completel Power loss on 1/10 /16 the emergency generator ran for 4 hours under load , ran today no load! Ran generator no load today! Ran generator load test completel No load Ran generator load test complete No load Ran generator load test completel	Complet
PS 6 Generator	2708 1217 1218 1219 1220 1221 1408 1409 1411 1412 1569 1571 1572 1573 1817	7/23/2016 1/5/2016 1/14/2016 1/19/2016 1/5/2016 1/5/2016 2/1/2016 2/1/2016 2/1/2016 2/1/2016 3/4/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016	PS #6 Generator Inspection and Test - Weekly PS #5 Generator Inspection and Load Test - Monthly PS #5 Generator Inspection and Load Test - Monthly PS #6 Generator Inspection and Test - Weekly	and a half, by six ten and a half Assisted by JG &PO - found leak of approx 5 to 10 gallons inside building on discharge tubing (existing tube). Tube was brittle and broke. Use drum pump to empty 5 gal pail and then hosed down walls and floors of all residual chemical. (All 4 levels). Reconnect and test ok. Ran generator load test complete! Power loss on 1/10 /16 the emergency generator ran for 4 hours under load , ran today no load! Ran generator no load today! Ran generator load test complete! No load Ran generator load test complete No load Ran generator load test complete! Ran generator load today!	Complet
PS 6 Generator	2708 1217 1218 1219 1220 1221 1408 1410 1411 1412 1569 1571 1572 1573 1817 1820 1821	7/23/2016 1/5/2016 1/14/2016 1/19/2016 1/5/2016 2/1/2016 2/1/2016 2/17/2016 2/17/2016 2/17/2016 3/14/2016 3/14/2016 3/16/2016 3/16/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016	PS #6 Generator Inspection and Test - Weekly PS #5 Generator Inspection and Load Test - Monthly PS #5 Generator Inspection and Load Test - Monthly PS #5 Generator Inspection and Load Test - Monthly PS #6 Generator Inspection and Test - Weekly PS #6 Generator Inspection and Test - Weekly PS #6 Generator Inspection and Test - Weekly PS #5 Generator Inspection and Test - Weekly PS #6 Generator Inspection and Test - Weekly	and a half, by six ten and a half Assisted by JG &PO - found leak of approx 5 to 10 gallons inside building on discharge tubing (existing tube). Tube was brittle and broke. Use drum pump to empty 5 gal pail and then hosed down walls and floors of all residual chemical. (All 4 levels). Reconnect and test ok. Ran generator load test completel Power loss on 1/10 /16 the emergency generator ran for 4 hours under load , ran today no load! Ran generator no load today! Ran generator load test completel No load Ran generator load test complete No load Ran generator load test completel	Complet
PS 6 Generator	2708 1217 1218 1219 1220 1221 1408 1409 1411 1412 1569 1571 1572 1573 1817 1820 1821	7/23/2016 1/5/2016 1/14/2016 1/19/2016 1/26/2016 1/5/2016 2/1/2016 2/12/2016 2/12/2016 2/12/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 4/20/2016 4/20/2016 4/12/2016	PS #6 Generator Inspection and Test - Weekly PS #5 Generator Inspection and Load Test - Monthly PS #5 Generator Inspection and Load Test - Monthly PS #5 Generator Inspection and Load Test - Monthly PS #6 Generator Inspection and Test - Weekly	and a half, by six ten and a half Assisted by JG &PO - found leak of approx 5 to 10 gallons inside building on discharge tubing (existing tube). Tube was brittle and broke. Use drum pump to empty 5 gal pail and then hosed down walls and floors of all residual chemical. (All 4 levels). Reconnect and test ok. Ran generator load test complete! Power loss on 1/10 /16 the emergency generator ran for 4 hours under load , ran today no load! Ran generator no load today! Ran generator load test complete! No load Ran generator load test complete No load Ran generator load test complete! Ran generator load today!	Complet
PS 6 Generator	2708 1217 1218 1219 1220 1221 1408 1409 1411 1412 1569 1571 1572 1573 1817 1820 1821	7/23/2016 1/5/2016 1/14/2016 1/19/2016 1/26/2016 1/5/2016 2/1/2016 2/12/2016 2/12/2016 2/12/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 4/20/2016 4/20/2016 4/12/2016	PS #6 Generator Inspection and Test - Weekly PS #5 Generator Inspection and Load Test - Monthly PS #5 Generator Inspection and Load Test - Monthly PS #5 Generator Inspection and Load Test - Monthly PS #6 Generator Inspection and Test - Weekly	and a half, by six ten and a half Assisted by JG &PO - found leak of approx 5 to 10 gallons inside building on discharge tubing (existing tube). Tube was brittle and broke. Use drum pump to empty 5 gal pail and then hosed down walls and floors of all residual chemical. (All 4 levels). Reconnect and test ok. Ran generator load test completel Power loss on 1/10 /16 the emergency generator ran for 4 hours under load , ran today no load! Ran generator no load today! Ran generator load test completel No load Ran generator load test complete No load Ran generator load test completel	Complet
PS 6 Generator	2708 1217 1218 1219 1220 1221 1408 1409 1410 1411 1412 1569 1571 1572 1573 1817 1820 1821 1822 2053	7/23/2016 1/5/2016 1/14/2016 1/19/2016 1/5/2016 1/5/2016 2/1/2016 2/1/2016 2/1/2016 2/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 5/1/2016 5/1/2016 5/1/2016 5/1/2016	PS #6 Generator Inspection and Test - Weekly PS #5 Generator Inspection and Load Test - Monthly PS #5 Generator Inspection and Load Test - Monthly PS #6 Generator Inspection and Test - Weekly	and a half, by six ten and a half Assisted by JG &PO - found leak of approx 5 to 10 gallons inside building on discharge tubing (existing tube). Tube was brittle and broke. Use drum pump to empty 5 gal pail and then hosed down walls and floors of all residual chemical. (All 4 levels). Reconnect and test ok. Ran generator load test completel Power loss on 1/10 /16 the emergency generator ran for 4 hours under load , ran today no load! Ran generator no load today! Ran generator load test completel No load Ran generator load test complete No load Ran generator load test completel	Complet
PS 6 Generator	2708 1217 1218 1219 1220 1221 1408 1410 1411 1412 1569 1571 1572 1573 1817 1820 1821 1822 2053	7/23/2016 1/5/2016 1/14/2016 1/19/2016 1/5/2016 2/1/2016 2/1/2016 2/1/2016 2/17/2016 2/17/2016 3/14/2016 3/14/2016 3/14/2016 3/1/2016 3/1/2016 3/1/2016 5/12/2016 5/12/2016 5/12/2016 5/12/2016 5/12/2016	PS #6 Generator Inspection and Test - Weekly PS #5 Generator Inspection and Load Test - Monthly PS #5 Generator Inspection and Load Test - Monthly PS #5 Generator Inspection and Load Test - Monthly PS #6 Generator Inspection and Test - Weekly PS #6 Generator Inspection and Test - Weekly PS #6 Generator Inspection and Test - Weekly PS #5 Generator Inspection and Test - Weekly PS #5 Generator Inspection and Test - Weekly PS #6 Generator Inspection and Test - Weekly	and a half, by six ten and a half Assisted by JG &PO - found leak of approx 5 to 10 gallons inside building on discharge tubing (existing tube). Tube was brittle and broke. Use drum pump to empty 5 gal pail and then hosed down walls and floors of all residual chemical. (All 4 levels). Reconnect and test ok. Ran generator load test completel Power loss on 1/10 /16 the emergency generator ran for 4 hours under load , ran today no load! Ran generator no load today! Ran generator load test completel No load Ran generator load test complete No load Ran generator load test completel	Complete
PS 6 Generator	2708 1217 1218 1219 1220 1221 1408 1409 1410 1411 1412 1569 1571 1572 1573 1817 1820 1821 1822 2053	7/23/2016 1/5/2016 1/14/2016 1/19/2016 1/5/2016 1/5/2016 2/1/2016 2/1/2016 2/1/2016 2/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 3/1/2016 5/1/2016 5/1/2016 5/1/2016 5/1/2016	PS #6 Generator Inspection and Test - Weekly PS #5 Generator Inspection and Load Test - Monthly PS #5 Generator Inspection and Load Test - Monthly PS #6 Generator Inspection and Test - Weekly	and a half, by six ten and a half Assisted by JG &PO - found leak of approx 5 to 10 gallons inside building on discharge tubing (existing tube). Tube was brittle and broke. Use drum pump to empty 5 gal pail and then hosed down walls and floors of all residual chemical. (All 4 levels). Reconnect and test ok. Ran generator load test completel Power loss on 1/10 /16 the emergency generator ran for 4 hours under load , ran today no load! Ran generator no load today! Ran generator load test completel No load Ran generator load test complete No load Ran generator load test completel	Complete

	2200	6/3/2016	PS #5 Generator Inspection and Load Test - Monthly		Completed
	2201	6/9/2016	PS #6 Generator Inspection and Test - Weekly	Service Incident Completed	Completed
	2202	6/1/2016	PS #6 Generator Inspection and Test - Weekly		Completed
	2203	6/1/2016	PS #6 Generator Inspection and Test - Weekly		Completed
	2204	6/21/2016	PS #6 Generator Inspection and Test - Weekly		Completed
	2205	7/1/2016	PS #6 Generator Inspection and Test - Weekly		Completed
	2400	7/8/2016	PS #6 Generator Inspection and Test - Weekly		Completed
	2401	7/14/2016	PS #6 Generator Inspection and Test - Weekly		Completed
	2402	7/1/2016	PS #6 Generator Inspection and Test - Weekly		Completed
	2403	7/31/2016	PS #6 Generator Inspection and Test - Weekly		Completed
	2404	7/8/2016	PS #5 Generator Inspection and Load Test - Monthly		Completed
	2593	8/7/2016	PS #6 Generator Inspection and Test - Weekly		Completed
	2594	8/16/2016	PS #6 Generator Inspection and Test - Weekly	Ran generator load test completel	Completed
	2595	8/16/2016	8/16/2016 PS #6 Generator Inspection and Test - Weekly		Completed
	2596	8/1/2016	PS #6 Generator Inspection and Test - Weekly		Completed
	2597	8/29/2016	PS #6 Generator Inspection and Test - Weekly	Ran generator no load todayl	Completed
	2598	8/1/2016	PS #5 Generator Inspection and Load Test - Monthly		Completed
	2790	9/12/2016	PS #5 Generator Inspection and Load Test - Monthly	Ran generator load test complete!	Completed
	2791	9/6/2016	PS #6 Generator Inspection and Test - Weekly		Completed
	2792	9/1/2016	PS #6 Generator Inspection and Test - Weekly		Completed
	2793	9/20/2016	PS #6 Generator Inspection and Test - Weekly		Completed
	2794	9/1/2016	PS #6 Generator Inspection and Test - Weekly		Completed
	2964	10/11/2016	PS #5 Generator Inspection and Load Test - Monthly	Ran generator load test todayl	Completed
	2965	10/3/2016	PS #6 Generator Inspection and Test - Weekly		Completed
	2966	10/1/2016	PS #6 Generator Inspection and Test - Weekly		Completed
	2967	10/1/2016	PS #6 Generator Inspection and Test - Weekly		Completed
	2968	10/30/2016	PS #6 Generator Inspection and Test - Weekly		Completed
	3152	11/6/2016	PS #6 Generator Inspection and Test - Weekly		Completed
	3153	11/1/2016	PS #6 Generator Inspection and Test - Weekly		Completed
	3154	11/1/2016	PS #6 Generator Inspection and Test - Weekly		Completed
	3155	11/1/2016	PS #6 Generator Inspection and Test - Weekly		Completed
18	3156	11/28/2016	PS #6 Generator Inspection and Test - Weekly		Completed
Sili mula di Lina	3157	11/1/2016	PS #5 Generator Inspection and Load Test - Monthly		Completed
	3231	10/13/2016	Outdated battery for the emergency generator needs to be replaced.	Remove the old battery and replace it with a new battery as the old one is outdated 2007 vintage!	Completed
	3336	12/5/2016	PS #6 Generator Inspection and Test - Weekly		Completed
	3337	12/20/2016	PS #6 Generator Inspection and Test - Weekly	Ran generator load test today!	Completed
	3338	12/1/2016	PS #6 Generator Inspection and Test - Weekly	Work Completed.	Completed
. /	3339	12/29/2016	PS #6 Generator Inspection and Test - Weekly		Completed
A	3340	12/1/2016	PS #5 Generator Inspection and Load Test - Monthly	Work Completed.	Completed
PS 6 Gridbee Aerator	2643	7/1/2016	PS 6 Compressor dedicated circuit		Completed
PS 6 Piping and Valves	2799	9/7/2016	Exercise valves		Completed
PS 6 Pump 1	1397	2/29/2016	PS #6 Pump 1 PM - Quarterly	Grease the pump and motor	Completed
	1497	1/27/2016	Pump 1 pumping below average.	Pump deragged, Operating normally.	Completed
	1593	2/11/2016	Pump 1 GPM lower than average.	LOTO performed. Deragged pump 1	Completed
	1876	3/2/2016	Pump GPM less than usual. Averaging 500-560 GPM	deragged pump	Completed
	1 1717		comparitively to the usual 630 GPM. Requires Derag		
	1941	3/19/2016	Reduced output GPM	Assisted by Joe Basler, pump 1 de-ragged of debris. Test ok.	Completed
	1941 2041	3/19/2016 5/26/2016			Completed Completed
			Reduced output GPM	Found no power at mcc. Perform LOTO Chk and found overload relay had tripped. Reset. Then chk pump, and it had lower than expected output. Isolate and inspect. Pump needed to be cleaned	
	2041	5/26/2016	Reduced output GPM PS #6 Pump 1 PM - Quarterly	Found no power at mcc. Perform LOTO Chk and found overload relay had tripped. Reset. Then chk pump, and it had lower than expected output. Isolate and inspect. Pump needed to be cleaned also. Loto performed shut suction and discharge removed debris from	Completed
	2041	5/26/2016 4/1/2016	Reduced output GPM PS #6 Pump 1 PM - Quarterly No power	Found no power at mcc. Perform LOTO Chk and found overload relay had tripped. Reset. Then chk pump, and it had lower than expected output. Isolate and inspect, Pump needed to be cleaned also,	Completed Completed
	2041 2072 2226	5/26/2016 4/1/2016 5/3/2016	Reduced output GPM PS #6 Pump 1 PM - Quarterly No power Deragged pump #1 do to low flow rate	Found no power at mcc. Perform LOTO Chk and found overload relay had tripped. Reset. Then chk pump, and it had lower than expected output. Isolate and inspect. Pump needed to be cleaned also. Loto performed shut suction and discharge removed debris from pump Loto pump 1 isolated valving to pump 1 and remove inspection cover to remove rags and debris. Flow back to normall Loto performed shut suction and discharge valve removed debris	Completed Completed Completed
	2041 2072 2226 2285	5/26/2016 4/1/2016 5/3/2016 5/16/2016	Reduced output GPM PS #6 Pump 1 PM - Quarterly No power Deragged pump #1 do to low flow rate Low flow ,suspect that the pump is ragged up.	Found no power at mcc. Perform LOTO Chk and found overload relay had tripped. Reset. Then chk pump, and it had lower than expected output. Isolate and inspect. Pump needed to be cleaned also. Loto performed shut suction and discharge removed debris from pump Loto pump 1 isolated valving to pump 1 and remove inspection cover to remove rags and debris. Flow back to normall	Completed Completed Completed Completed
	2041 2072 2226 2285 2303	5/26/2016 4/1/2016 5/3/2016 5/16/2016 5/21/2016	Reduced output GPM PS #6 Pump 1 PM - Quarterly No power Deragged pump #1 do to low flow rate Low flow ,suspect that the pump is ragged up. Station 6 pump 1 has low flow rate	Found no power at mcc. Perform LOTO Chk and found overload relay had tripped. Reset. Then chk pump, and it had lower than expected output. Isolate and inspect. Pump needed to be cleaned also. Loto performed shut suction and discharge removed debris from pump Loto pump 1 isolated valving to pump 1 and remove inspection cover to remove rags and debris. Flow back to normall Loto performed shut suction and discharge valve removed debris from pump	Completed Completed Completed Completed Completed
	2041 2072 2226 2285 2303 2325	5/26/2016 4/1/2016 5/3/2016 5/16/2016 5/21/2016 5/26/2016	Reduced output GPM PS #6 Pump 1 PM - Quarterly No power Deragged pump #1 do to low flow rate Low flow ,suspect that the pump is ragged up. Station 6 pump 1 has low flow rate Pump tripped during power transfer	Found no power at mcc. Perform LOTO Chk and found overload relay had tripped. Reset. Then chk pump, and it had lower than expected output. Isolate and inspect, Pump needed to be cleaned also. Loto performed shut suction and discharge removed debris from pump Loto pump 1 isolated valving to pump 1 and remove inspection cover to remove rags and debris. Flow back to normall Loto performed shut suction and discharge valve removed debris from pump Reset breaker in panel Loto performed removed debris from pump Dragged pumps 182 &loto	Completed Completed Completed Completed Completed Completed
	2041 2072 2226 2285 2303 2325 2342	5/26/2016 4/1/2016 5/3/2016 5/16/2016 5/21/2016 5/26/2016 5/31/2016	Reduced output GPM PS #6 Pump 1 PM - Quarterly No power Deragged pump #1 do to low flow rate Low flow ,suspect that the pump is ragged up. Station 6 pump 1 has low flow rate Pump tripped during power transfer Defragging of debris from impeller	Found no power at mcc. Perform LOTO Chk and found overload relay had tripped. Reset. Then chk pump, and it had lower than expected output. Isolate and inspect. Pump needed to be cleaned also. Loto performed shut suction and discharge removed debris from pump Loto pump 1 isolated valving to pump 1 and remove inspection cover to remove rags and debris. Flow back to normall Loto performed shut suction and discharge valve removed debris from pump Reset breaker in panel Loto performed removed debris from pump	Completed Completed Completed Completed Completed Completed Completed Completed
	2041 2072 2226 2285 2303 2325 2342 2464	5/26/2016 4/1/2016 5/3/2016 5/16/2016 5/21/2016 5/26/2016 5/31/2016 6/18/2016	Reduced output GPM PS #6 Pump 1 PM - Quarterly No power Deragged pump #1 do to low flow rate Low flow ,suspect that the pump is ragged up. Station 6 pump 1 has low flow rate Pump tripped during power transfer Defragging of debris from impeller Low gpm on pumps	Found no power at mcc. Perform LOTO Chk and found overload relay had tripped. Reset. Then chk pump, and it had lower than expected output. Isolate and inspect, Pump needed to be cleaned also. Loto performed shut suction and discharge removed debris from pump Loto pump 1 isolated valving to pump 1 and remove inspection cover to remove rags and debris. Flow back to normall Loto performed shut suction and discharge valve removed debris from pump Reset breaker in panel Loto performed removed debris from pump Dragged pumps 182 &loto	Completed
	2041 2072 2226 2285 2303 2325 2342 2342 2464 2484	5/26/2016 4/1/2016 5/3/2016 5/16/2016 5/21/2016 5/26/2016 5/31/2016 6/18/2016 6/27/2016	Reduced output GPM PS #6 Pump 1 PM - Quarterly No power Deragged pump #1 do to low flow rate Low flow ,suspect that the pump is ragged up. Station 6 pump 1 has low flow rate Pump tripped during power transfer Defragging of debris from impeller Low gpm on pumps GPM less than normal, in need of deragging PS #6 Pump 1 PM - Quarterly Pump functioning with less than normal GPM. In need of	Found no power at mcc. Perform LOTO Chk and found overload relay had tripped. Reset. Then chk pump, and it had lower than expected output. Isolate and inspect. Pump needed to be cleaned also. Loto performed shut suction and discharge removed debris from pump Loto pump 1 isolated valving to pump 1 and remove inspection cover to remove rags and debris. Flow back to normall Loto performed shut suction and discharge valve removed debris from pump Reset breaker in panel Loto performed removed debris from pump Dragged pumps 18.2 &loto LOTO performed. Deragged pump 1	Completed
	2041 2072 2226 2285 2303 2325 2342 2464 2484 2581	5/26/2016 4/1/2016 5/3/2016 5/16/2016 5/21/2016 5/26/2016 5/31/2016 6/18/2016 6/27/2016 8/11/2016	Reduced output GPM PS #6 Pump 1 PM - Quarterly No power Deragged pump #1 do to low flow rate Low flow ,suspect that the pump is ragged up. Station 6 pump 1 has low flow rate Pump tripped during power transfer Defragging of debris from impeller Low gpm on pumps GPM less than normal. In need of deragging PS #6 Pump 1 PM - Quarterly	Found no power at mcc. Perform LOTO Chk and found overload relay had tripped. Reset. Then chk pump, and it had lower than expected output. Isolate and inspect. Pump needed to be cleaned also. Loto performed shut suction and discharge removed debris from pump Loto pump 1 isolated valving to pump 1 and remove inspection cover to remove rags and debris. Flow back to normall Loto performed shut suction and discharge valve removed debris from pump Reset breaker in panel Loto performed removed debris from pump Dragged pumps 182 &loto LOTO performed. Deragged pump 1	Completed
	2041 2072 2226 2285 2303 2325 2342 2464 2484 2581 2887	5/26/2016 4/1/2016 5/3/2016 5/16/2016 5/26/2016 5/31/2016 6/18/2016 6/18/2016 6/18/2016 8/11/2016 8/11/2016	Reduced output GPM PS #6 Pump 1 PM - Quarterly No power Deragged pump #1 do to low flow rate Low flow ,suspect that the pump is ragged up. Station 6 pump 1 has low flow rate Pump tripped during power transfer Defragging of debris from impeller Low gpm on pumps GPM less than normal. In need of deragging PS #6 Pump 1 PM - Quarterly Pump functioning with less than normal GPM. In need of Deragging	Found no power at mcc. Perform LOTO Chk and found overload relay had tripped. Reset. Then chk pump, and it had lower than expected output. Isolate and inspect. Pump needed to be cleaned also. Loto performed shut suction and discharge removed debris from pump Loto pump 1 isolated valving to pump 1 and remove inspection cover to remove rags and debris. Flow back to normall Loto performed shut suction and discharge valve removed debris from pump Reset breaker in panel Loto performed removed debris from pump Dragged pumps 18.2 &loto LOTO performed. Deragged pump 1	Completed
	2041 2072 2226 2285 2303 2325 2342 2464 2484 2581 2887 3027	5/26/2016 4/1/2016 5/3/2016 5/46/2016 5/21/2016 5/26/2016 5/31/2016 6/37/2016 8/11/2016 8/12/2016 8/12/2016 8/12/2016	Reduced output GPM PS #6 Pump 1 PM - Quarterly No power Deragged pump #1 do to low flow rate Low flow ,suspect that the pump is ragged up. Station 6 pump 1 has low flow rate Pump tripped during power transfer Defragging of debris from impeller Low gpm on pumps GPM less than normal. In need of deragging PS #6 Pump 1 PM - Quarterly Pump functioning with less than normal GPM. In need of Deragging GPM less than normal. In need of derag	Found no power at mcc. Perform LOTO Chk and found overload relay had tripped. Reset. Then chk pump, and it had lower than expected output. Isolate and inspect, Pump needed to be cleaned also. Loto performed shut suction and discharge removed debris from pump Loto pump 1 isolated valving to pump 1 and remove inspection cover to remove rags and debris. Flow back to normall Loto performed shut suction and discharge valve removed debris from pump Reset breaker in panel Loto performed removed debris from pump Dragged pumps 18.2 &loto LOTO performed. Deragged pump 1 LOTO performed. Deragged pump 1 LOTO performed. Deragged pump 1 Loto performed shut suction and discharge valves opened	Completed
	2041 2072 2226 2285 2303 2325 2342 2464 2484 2581 2887 3027 3050 3140	5/26/2016 4/1/2016 5/3/2016 5/16/2016 5/21/2016 5/26/2016 5/31/2016 6/27/2016 8/11/2016 8/25/2016 9/15/2016 9/15/2016 11/4/2016 10/13/2016	Reduced output GPM PS #6 Pump 1 PM - Quarterly No power Deragged pump #1 do to low flow rate Low flow ,suspect that the pump is ragged up. Station 6 pump 1 has low flow rate Pump tripped during power transfer Defragging of debris from impeller Low gpm on pumps GPM less than normal. In need of deragging PS #6 Pump 1 PM - Quarterly Pump functioning with less than normal GPM. In need of Deragging GPM less than normal. In need of derag Deragged pump 1 low flow rate PS #6 Pump 1 PM - Quarterly Pump 1 is pumping slower than normal suspect that the pump is plugged with rags and debris,	Found no power at mcc. Perform LOTO Chk and found overload relay had tripped. Reset. Then chk pump, and it had lower than expected output. Isolate and inspect, Pump needed to be cleaned also. Loto performed shut suction and discharge removed debris from pump Loto pump 1 isolated valving to pump 1 and remove inspection cover to remove rags and debris. Flow back to normall Loto performed shut suction and discharge valve removed debris from pump Reset breaker in panel Loto performed removed debris from pump Dragged pumps 18.2 &loto LOTO performed. Deragged pump 1 LOTO performed. Deragged pump 1 Loto performed shut suction and discharge valves opened inspection plate removed debris from pump opened suction and discharge valves primed pump now normal flow 650gpm LOTO the pump and remove all the rags and debris from impeller. Flows back to normal now. Assistance by John Currier, Rick Clark	Completed
	2041 2072 2226 2285 2303 2325 2342 2464 2484 2581 2887 3027 3050 3140 3226	5/26/2016 4/1/2016 5/3/2016 5/16/2016 5/26/2016 5/26/2016 5/31/2016 6/18/2016 6/18/2016 8/11/2016 8/25/2016 9/15/2016 9/23/2016 11/4/2016 10/13/2016 12/8/2016	Reduced output GPM PS #6 Pump 1 PM - Quarterly No power Deragged pump #1 do to low flow rate Low flow ,suspect that the pump is ragged up. Station 6 pump 1 has low flow rate Pump tripped during power transfer Defragging of debris from impeller Low gm on pumps GPM less than normal. In need of deragging PS #6 Pump 1 PM - Quarterly Pump functioning with less than normal GPM. In need of Deragging GPM less than normal. In need of derag Deragged pump 1 low flow rate PS #6 Pump 1 PM - Quarterly Pump 1 is pumping slower than normal suspect that the pump is plugged with rags and debris, Pump running at 580GPM. Derag needed	Found no power at mcc. Perform LOTO Chk and found overload relay had tripped. Reset. Then chk pump, and it had lower than expected output. Isolate and inspect. Pump needed to be cleaned also. Loto performed shut suction and discharge removed debris from pump Loto pump 1 isolated valving to pump 1 and remove inspection cover to remove rags and debris. Flow back to normall Loto performed shut suction and discharge valve removed debris from pump Reset breaker in panel Loto performed removed debris from pump Dragged pumps 18.2 & loto LOTO performed. Deragged pump 1 LOTO performed. Deragged pump 1 LOTO performed shut suction and discharge valves opened inspection plate removed debris from pump opened suction and discharge valves primed pump now normal flow 650gpm LOTO the pump and remove all the rags and debris from impeller . Flows back to normal now. Assistance by John Currier, Rick Clark	Completed
PS 6 Pump 2	2041 2072 2226 2285 2303 2325 2342 2464 2484 2581 2887 3027 3050 3140	5/26/2016 4/1/2016 5/3/2016 5/16/2016 5/21/2016 5/26/2016 5/31/2016 6/27/2016 8/11/2016 8/25/2016 9/15/2016 9/15/2016 11/4/2016 10/13/2016	Reduced output GPM PS #6 Pump 1 PM - Quarterly No power Deragged pump #1 do to low flow rate Low flow ,suspect that the pump is ragged up. Station 6 pump 1 has low flow rate Pump tripped during power transfer Defragging of debris from impeller Low gpm on pumps GPM less than normal. In need of deragging PS #6 Pump 1 PM - Quarterly Pump functioning with less than normal GPM. In need of Deragging GPM less than normal. In need of derag Deragged pump 1 low flow rate PS #6 Pump 1 PM - Quarterly Pump 1 is pumping slower than normal suspect that the pump is plugged with rags and debris,	Found no power at mcc. Perform LOTO Chk and found overload relay had tripped. Reset. Then chk pump, and it had lower than expected output. Isolate and inspect. Pump needed to be cleaned also. Loto performed shut suction and discharge removed debris from pump Loto pump 1 isolated valving to pump 1 and remove inspection cover to remove rags and debris. Flow back to normall Loto performed shut suction and discharge valve removed debris from pump Reset breaker in panel Loto performed removed debris from pump Dragged pumps 182 8 loto LOTO performed. Deragged pump 1 LOTO performed. Deragged pump 1 Loto performed shut suction and discharge valves opened inspection plate removed debris from pump opened suction and discharge valves opened inspection plate removed debris from pump opened suction and discharge valves primed pump now normal flow 650 pm LOTO the pump and remove all the rags and debris from impeller. Flows back to normal now. Assistance by John Currier, Rick Clark LOTO performed. Deragged pump 1 Grease the pump and motor	Completed
PS 6 Pump 2	2041 2072 2226 2285 2303 2325 2342 2464 2484 2581 2887 3027 3050 3140 3226 3549 1398	5/26/2016 4/1/2016 5/3/2016 5/16/2016 5/26/2016 5/26/2016 5/31/2016 6/18/2016 6/18/2016 8/11/2016 8/25/2016 9/15/2016 9/23/2016 11/4/2016 10/13/2016 12/8/2016 2/29/2016 2/25/2016	Reduced output GPM PS #6 Pump 1 PM - Quarterly No power Deragged pump #1 do to low flow rate Low flow ,suspect that the pump is ragged up. Station 6 pump 1 has low flow rate Pump tripped during power transfer Defragging of debris from impeller Low gpm on pumps GPM less than normal. In need of deragging PS #6 Pump 1 PM - Quarterly Pump functioning with less than normal GPM. In need of Deragging GPM less than normal. In need of derag Deragged pump 1 low flow rate PS #6 Pump 1 PM - Quarterly Pump 1 is pumping slower than normal suspect that the pump is plugged with rags and debris, Pump running at 580GPM. Derag needed PS #6 Pump 2 PM - Quarterly Low flow from pump need to be deragged	Found no power at mcc. Perform LOTO Chk and found overload relay had tripped. Reset. Then chk pump, and it had lower than expected output. Isolate and inspect. Pump needed to be cleaned also. Loto performed shut suction and discharge removed debris from pump Loto pump 1 isolated valving to pump 1 and remove inspection cover to remove rags and debris. Flow back to normall Loto performed shut suction and discharge valve removed debris from pump Reset breaker in panel Loto performed removed debris from pump Dragged pumps 18.2 & loto LOTO performed. Deragged pump 1 LOTO performed. Deragged pump 1 LOTO performed, Deragged pump 1 Loto performed shut suction and discharge valves opened inspection plate removed debris from pump opened suction and discharge valves primed pump now normal flow 650gpm LOTO the pump and remove all the rags and debris from impeller . Flows back to normal now. Assistance by John Currier, Rick Clark LOTO performed. Deragged pump 1 Grease the pump and motor Loto performed inspection port deragged pump checked flow of pump now reading 653	Completed
PS 6 Pump 2	2041 2072 2226 2285 2303 2325 2342 2464 2484 2581 2887 3027 3050 3140 3226 3549 1398 1726 1933	5/26/2016 4/1/2016 5/3/2016 5/16/2016 5/21/2016 5/26/2016 5/31/2016 6/18/2016 6/18/2016 8/11/2016 8/25/2016 9/15/2016 9/15/2016 11/4/2016 12/8/2016 12/8/2016 2/25/2016 3/16/2016	Reduced output GPM PS #6 Pump 1 PM - Quarterly No power Deragged pump #1 do to low flow rate Low flow ,suspect that the pump is ragged up. Station 6 pump 1 has low flow rate Pump tripped during power transfer Defragging of debris from impeller Low gpm on pumps GPM less than normal. In need of deragging PS #6 Pump 1 PM - Quarterly Pump functioning with less than normal GPM. In need of Deragging GPM less than normal. In need of derag Deragged pump 1 low flow rate PS #6 Pump 1 PM - Quarterly Pump 1 is pumping slower than normal suspect that the pump is plugged with rags and debris, Pump running at 580 GPM. Derag needed PS #6 Pump 2 PM - Quarterly Low flow from pump need to be deragged	Found no power at mcc. Perform LOTO Chk and found overload relay had tripped. Reset. Then chk pump, and it had lower than expected output. Isolate and inspect, Pump needed to be cleaned also. Loto performed shut suction and discharge removed debris from pump Loto pump 1 isolated valving to pump 1 and remove inspection cover to remove rags and debris. Flow back to normall Loto performed shut suction and discharge valve removed debris from pump Reset breaker in panel Loto performed removed debris from pump Dragged pumps 18.2 &loto LOTO performed. Deragged pump 1 LOTO performed. Deragged pump 1 Loto performed shut suction and discharge valves opened inspection plate removed debris from pump opened suction and discharge valves primed pump now normal flow 650gpm LOTO the pump and remove all the rags and debris from impeller. Flows back to normal now. Assistance by John Currier, Rick Clark LOTO performed. Deragged pump 1 Grease the pump and motor Loto performed removed inspection port deragged pump checked	Completed
PS 6 Pump 2	2041 2072 2226 2285 2303 2325 2342 2464 2484 2581 2887 3027 3050 3140 3226 3549 1398 1726 1933 2042	5/26/2016 4/1/2016 5/3/2016 5/46/2016 5/21/2016 5/26/2016 5/31/2016 6/27/2016 8/11/2016 8/12/2016 9/15/2016 9/15/2016 11/4/2016 10/13/2016 12/8/2016 2/29/2016 2/25/2016 3/16/2016 5/26/2016	Reduced output GPM PS #6 Pump 1 PM - Quarterly No power Deragged pump #1 do to low flow rate Low flow ,suspect that the pump is ragged up. Station 6 pump 1 has low flow rate Pump tripped during power transfer Defragging of debris from impeller Low gpm on pumps GPM less than normal. In need of deragging PS #6 Pump 1 PM - Quarterly Pump functioning with less than normal GPM. In need of Deragging GPM less than normal. In need of derag Deragged pump 1 low flow rate PS #6 Pump 1 PM - Quarterly Pump 1 is pumping slower than normal suspect that the pump is plugged with rags and debris, Pump running at \$80GPM. Derag needed PS #6 Pump 2 PM - Quarterly Low flow from pump need to be deragged Derag PS #6 Pump 2 PM - Quarterly	Found no power at mcc. Perform LOTO Chk and found overload relay had tripped. Reset. Then chk pump, and it had lower than expected output. Isolate and inspect. Pump needed to be cleaned also. Loto performed shut suction and discharge removed debris from pump Loto pump 1 isolated valving to pump 1 and remove inspection cover to remove rags and debris. Flow back to normall Loto performed shut suction and discharge valve removed debris from pump Reset breaker in panel Loto performed removed debris from pump Dragged pumps 182 &loto LOTO performed. Deragged pump 1 LOTO performed. Deragged pump 1 LOTO performed. Deragged pump 1 LOTO performed debris from pump opened suction and discharge valves opened inspection plate removed debris from pump opened suction and discharge valves primed pump now normal flow 650qpm LOTO the pump and remove all the rags and debris from impeller. Flows back to normal now. Assistance by John Currier, Rick Clark LOTO performed. Deragged pump 1 Grease the pump and motor Loto performed removed inspection port deragged pump checked flow of pump now reading 653 Pump 2 LOTO performed. Derag complete	Completed
PS 6 Pump 2	2041 2072 2226 2285 2303 2325 2342 2464 2484 2581 2887 3027 3050 3140 3226 3549 1398 1726 1933 2042 2097	5/26/2016 4/1/2016 5/3/2016 5/3/2016 5/16/2016 5/21/2016 5/21/2016 5/31/2016 6/27/2016 8/11/2016 8/25/2016 9/15/2016 9/15/2016 11/4/2016 12/8/2016 12/8/2016 2/25/2016 3/16/2016 4/8/2016	Reduced output GPM PS #6 Pump 1 PM - Quarterly No power Deragged pump #1 do to low flow rate Low flow ,suspect that the pump is ragged up. Station 6 pump 1 has low flow rate Pump tripped during power transfer Defragging of debris from impeller Low gpm on pumps GPM less than normal. In need of deragging PS #6 Pump 1 PM - Quarterly Pump functioning with less than normal GPM. In need of Deragging GPM less than normal. In need of derag Deragged pump 1 low flow rate PS #6 Pump 1 PM - Quarterly Pump 1 is pumping slower than normal suspect that the pump is plugged with rags and debris, Pump running at 580GPM. Derag needed PS #6 Pump 2 PM - Quarterly Low flow from pump need to be deragged Derag PS #6 Pump 2 PM - Quarterly Low flow from pump need to be deragged Derag PS #6 Pump 2 PM - Quarterly Pump # 2 had low flow gpm	Found no power at mcc. Perform LOTO Chk and found overload relay had tripped. Reset. Then chk pump, and it had lower than expected output. Isolate and inspect, Pump needed to be cleaned also. Loto performed shut suction and discharge removed debris from pump Loto pump 1 isolated valving to pump 1 and remove inspection cover to remove rags and debris. Flow back to normall Loto performed shut suction and discharge valve removed debris from pump Reset breaker in panel Loto performed removed debris from pump Dragged pumps 18.2 8.loto LOTO performed. Deragged pump 1 LOTO performed. Deragged pump 1 LOTO performed. Deragged pump 1 LOTO performed bhut suction and discharge valves opened inspection plate removed debris from pump opened suction and discharge valves primed pump now normal flow 650gpm LOTO the pump and remove all the rags and debris from impeller. Flows back to normal now. Assistance by John Currier, Rick Clark LOTO performed. Deragged pump 1 Grease the pump and motor Loto performed removed inspection port deragged pump checked flow of pump now reading 553 Pump 2 LOTO performed. Derag complete Loto performed shut suction and discharge valve removed debris	Completed
PS 6 Pump 2	2041 2072 2226 2285 2303 2325 2342 2464 2484 2581 2887 3027 3050 3140 3226 3549 1398 1726 1933 2042 2097	5/26/2016 4/1/2016 5/3/2016 5/3/2016 5/46/2016 5/21/2016 5/26/2016 5/31/2016 6/18/2016 6/18/2016 8/11/2016 8/12/2016 9/15/2016 9/23/2016 11/4/2016 12/8/2016 2/25/2016 2/25/2016 3/16/2016 5/26/2016 4/8/2016 5/3/2016	Reduced output GPM PS #6 Pump 1 PM - Quarterly No power Deragged pump #1 do to low flow rate Low flow ,suspect that the pump is ragged up. Station 6 pump 1 has low flow rate Pump tripped during power transfer Defragging of debris from impeller Low gpm on pumps GPM less than normal. In need of deragging PS #6 Pump 1 PM - Quarterly Pump functioning with less than normal GPM. In need of Deragging GPM less than normal. In need of derag Deragged pump 1 low flow rate PS #6 Pump 1 PM - Quarterly Pump 1 is pumping slower than normal suspect that the pump is plugged with rags and debris, Pump running at 580GPM. Derag needed PS #6 Pump 2 PM - Quarterly Low flow from pump need to be deragged Derag PS #6 Pump 2 PM - Quarterly Low flow from pump need to be deragged Derag PS #6 Pump 2 PM - Quarterly Pump # 2 had low flow gpm Deragged pump # 2 do to low flow rate	Found no power at mcc. Perform LOTO Chk and found overload relay had tripped. Reset. Then chk pump, and it had lower than expected output. Isolate and inspect. Pump needed to be cleaned also. Loto performed shut suction and discharge removed debris from pump Loto pump 1 isolated valving to pump 1 and remove inspection cover to remove rags and debris. Flow back to normall Loto performed shut suction and discharge valve removed debris from pump Reset breaker in panel Loto performed removed debris from pump Dragged pumps 18.2 &loto LOTO performed. Deragged pump 1 LOTO performed. Deragged pump 1 Loto performed shut suction and discharge valves opened inspection plate removed debris from pump opened suction and discharge valves primed pump now normal flow 650gpm LOTO the pump and remove all the rags and debris from impeller. Flows back to normal now. Assistance by John Currier, Rick Clark LOTO performed. Deragged pump 1 Grease the pump and motor Loto performed removed inspection port deragged pump checked flow of pump now reading 653 Pump 2 LOTO performed. Derag complete Loto performed shut suction and discharge valve removed debris from pump	Completed
PS 6 Pump 2	2041 2072 2226 2285 2303 2325 2342 2464 2484 2581 2887 3027 3050 3140 3226 3549 1398 1726 1933 2042 2097 2227	5/26/2016 4/1/2016 5/3/2016 5/16/2016 5/26/2016 5/26/2016 5/31/2016 6/18/2016 6/18/2016 8/11/2016 8/25/2016 9/15/2016 9/15/2016 11/4/2016 10/13/2016 12/8/2016 2/29/2016 2/25/2016 3/16/2016 5/26/2016 5/26/2016 5/3/2016 5/3/2016	Reduced output GPM PS #6 Pump 1 PM - Quarterly No power Deragged pump #1 do to low flow rate Low flow ,suspect that the pump is ragged up. Station 6 pump 1 has low flow rate Pump tripped during power transfer Defragging of debris from impeller Low gpm on pumps GPM less than normal. In need of deragging PS #6 Pump 1 PM - Quarterly Pump functioning with less than normal GPM. In need of Deragging GPM less than normal. In need of derag Deragged pump 1 low flow rate PS #6 Pump 1 PM - Quarterly Pump 1 is pumping slower than normal suspect that the pump is plugged with rags and debris, Pump running at 580GPM. Derag needed PS #6 Pump 2 PM - Quarterly Low flow from pump need to be deragged Derag PS #6 Pump 2 PM - Quarterly Pump # 3 PM - Quarterly Pump # 4 PM - Quarterly Pump # 4 PM - Quarterly Pump # 5 PM - Quarterly Pump	Found no power at mcc. Perform LOTO Chk and found overload relay had tripped. Reset. Then chk pump, and it had lower than expected output. Isolate and inspect. Pump needed to be cleaned also. Loto performed shut suction and discharge removed debris from pump Loto pump 1 isolated valving to pump 1 and remove inspection cover to remove rags and debris. Flow back to normall Loto performed shut suction and discharge valve removed debris from pump Reset breaker in panel Loto performed removed debris from pump Dragged pumps 18.2 & loto LOTO performed. Deragged pump 1 LOTO performed. Deragged pump 1 LOTO performed shut suction and discharge valves opened inspection plate removed debris from pump opened suction and discharge valves primed pump now normal flow 650gpm LOTO the pump and remove all the rags and debris from impeller. Flows back to normal now. Assistance by John Currier, Rick Clark LOTO performed. Deragged pump 1 Grease the pump and motor Loto performed inspection port deragged pump checked flow of pump now reading 653 Pump 2 LOTO performed. Derag complete Loto performed shut suction and discharge valve removed debris from pump Loto performed shut suction and discharge valve removed debris from pump Loto performed shut suction and discharge valve removed debris from pump	Completed
PS 6 Pump 2	2041 2072 2226 2285 2303 2325 2342 2464 2484 2581 2887 3027 3050 3140 3226 3549 1398 1726 1933 2042 2097 2227 2343 2485	5/26/2016 4/1/2016 5/3/2016 5/3/2016 5/21/2016 5/21/2016 5/21/2016 5/31/2016 6/27/2016 8/11/2016 8/25/2016 9/15/2016 9/15/2016 11/4/2016 12/8/2016 12/8/2016 2/25/2016 3/16/2016 5/26/2016 4/8/2016 5/3/2016 5/3/2016 5/3/2016	Reduced output GPM PS #6 Pump 1 PM - Quarterly No power Deragged pump #1 do to low flow rate Low flow ,suspect that the pump is ragged up. Station 6 pump 1 has low flow rate Pump tripped during power transfer Defragging of debris from impeller Low gpm on pumps GPM less than normal. In need of deragging PS #6 Pump 1 PM - Quarterly Pump functioning with less than normal GPM. In need of Deragging GPM less than normal. In need of derag Deragged pump 1 low flow rate PS #6 Pump 1 PM - Quarterly Pump 1 is pumping slower than normal suspect that the pump is plugged with rags and debris, Pump running at 580 GPM. Derag needed PS #6 Pump 2 PM - Quarterly Low flow from pump need to be deragged Derag PS #6 Pump 2 PM - Quarterly Pump # 2 had low flow gpm Deragged pump # 2 do to low flow rate Defragging of debris from pump impeller GPM less than normal. In need of deragging	Found no power at mcc. Perform LOTO Chk and found overload relay had tripped. Reset. Then chk pump, and it had lower than expected output. Isolate and inspect. Pump needed to be cleaned also. Loto performed shut suction and discharge removed debris from pump Loto pump 1 isolated valving to pump 1 and remove inspection cover to remove rags and debris. Flow back to normall Loto performed shut suction and discharge valve removed debris from pump Reset breaker in panel Loto performed removed debris from pump Dragged pumps 18.2 &loto LOTO performed. Deragged pump 1 LOTO performed. Deragged pump 1 Loto performed shut suction and discharge valves opened inspection plate removed debris from pump opened suction and discharge valves primed pump now normal flow 650gpm LOTO the pump and remove all the rags and debris from impeller. Flows back to normal now. Assistance by John Currier, Rick Clark LOTO performed. Deragged pump 1 Grease the pump and motor Loto performed removed inspection port deragged pump checked flow of pump now reading 653 Pump 2 LOTO performed. Derag complete Loto performed shut suction and discharge valve removed debris from pump	Completed
PS 6 Pump 2	2041 2072 2226 2285 2303 2325 2342 2464 2484 2581 2887 3027 3050 3140 3226 3549 1398 1726 1933 2042 2097 2227 2343 2485 2582	5/26/2016 4/1/2016 5/3/2016 5/3/2016 5/21/2016 5/26/2016 5/31/2016 6/18/2016 6/27/2016 8/11/2016 8/25/2016 9/15/2016 9/15/2016 11/4/2016 12/8/2016 12/8/2016 12/8/2016 12/8/2016 3/16/2016 5/26/2016 5/26/2016 5/3/2016 5/3/2016 5/3/2016 5/3/2016 5/3/2016	Reduced output GPM PS #6 Pump 1 PM - Quarterly No power Deragged pump #1 do to low flow rate Low flow ,suspect that the pump is ragged up. Station 6 pump 1 has low flow rate Pump tripped during power transfer Defragging of debris from impeller Low gpm on pumps GPM less than normal. In need of deragging PS #6 Pump 1 PM - Quarterly Pump functioning with less than normal GPM. In need of Deragging GPM less than normal. In need of derag Deragged pump 1 low flow rate PS #6 Pump 1 PM - Quarterly Pump 1 is pumping slower than normal suspect that the pump is plugged with rags and debris, Pump running at 580GPM. Derag needed PS #6 Pump 2 PM - Quarterly Low flow from pump need to be deragged Derag PS #6 Pump 2 PM - Quarterly Pump # 2 had low flow gpm Deragged pump # 2 do to low flow rate Defragging of debris from pump impeller GPM less than normal. In need of deragging PS #6 Pump 2 PM - Quarterly	Found no power at mcc. Perform LOTO Chk and found overload relay had tripped. Reset. Then chk pump, and it had lower than expected output. Isolate and inspect. Pump needed to be cleaned also. Loto performed shut suction and discharge removed debris from pump Loto pump 1 isolated valving to pump 1 and remove inspection cover to remove rags and debris. Flow back to normall Loto performed shut suction and discharge valve removed debris from pump Reset breaker in panel Loto performed removed debris from pump Dragged pumps 182 &loto LOTO performed. Deragged pump 1 LOTO performed. Deragged pump 1 LOTO performed. Deragged pump 1 LOTO performed debris from pump opened suction and discharge valves primed pump now normal flow 650gpm LOTO the pump and remove all the rags and debris from impeller. Flows back to normal now. Assistance by John Currier, Rick Clark LOTO performed. Deragged pump 1 Grease the pump and motor Loto performed removed inspection port deragged pump checked flow of pump now reading 653 Pump 2 LOTO performed. Derag complete Loto performed shut suction and discharge valve removed debris from pump Loto performed then deragged pump Loto performed shut suction and discharge valve removed debris from pump Loto performed removed debris from pump Loto performed removed debris from pump	Completed
PS 6 Pump 2	2041 2072 2226 2285 2303 2325 2342 2464 2484 2581 2887 3027 3050 3140 3226 3549 1398 1726 1933 2042 2097 2227 2343 2485 2582 2582	5/26/2016 4/1/2016 5/3/2016 5/3/2016 5/16/2016 5/26/2016 5/26/2016 5/31/2016 6/18/2016 6/18/2016 8/11/2016 8/25/2016 9/15/2016 9/23/2016 11/4/2016 12/8/2016 2/29/2016 2/25/2016 3/16/2016 5/26/2016 3/16/2016 5/26/2016 5/3/2016 5/3/2016 5/3/2016 5/3/2016 5/3/2016 5/3/2016 5/3/2016 5/3/2016 5/3/2016 5/3/2016 5/3/2016 5/3/2016 5/3/2016	Reduced output GPM PS #6 Pump 1 PM - Quarterly No power Deragged pump #1 do to low flow rate Low flow ,suspect that the pump is ragged up. Station 6 pump 1 has low flow rate Pump tripped during power transfer Defragging of debris from impeller Low gpm on pumps GPM less than normal. In need of deragging PS #6 Pump 1 PM - Quarterly Pump functioning with less than normal GPM. In need of Deragging GPM less than normal. In need of derag Deragged pump 1 low flow rate PS #6 Pump 1 PM - Quarterly Pump 1 is pumping slower than normal suspect that the pump is plugged with rags and debris, Pump running at 580GPM. Derag needed PS #6 Pump 2 PM - Quarterly Low flow from pump need to be deragged Derag PS #6 Pump 2 PM - Quarterly Pump # 2 had low flow gpm Deragged pump # 2 do to low flow rate Defragging of debris from pump impeller GPM less than normal. In need of deragging PS #6 Pump 2 PM - Quarterly Needs Derag	Found no power at mcc. Perform LOTO Chk and found overload relay had tripped. Reset. Then chk pump, and it had lower than expected output. Isolate and inspect. Pump needed to be cleaned also. Loto performed shut suction and discharge removed debris from pump Loto pump 1 isolated valving to pump 1 and remove inspection cover to remove rags and debris. Flow back to normall Loto performed shut suction and discharge valve removed debris from pump Reset breaker in panel Loto performed removed debris from pump Dragged pumps 18.2 & loto LOTO performed. Deragged pump 1 LOTO performed. Deragged pump 1 LOTO performed shut suction and discharge valves opened inspection plate removed debris from pump opened suction and discharge valves primed pump now normal flow 650gpm LOTO the pump and remove all the rags and debris from impeller. Flows back to normal now. Assistance by John Currier, Rick Clark LOTO performed. Deragged pump 1 Grease the pump and motor Loto performed inspection port deragged pump checked flow of pump now reading 653 Pump 2 LOTO performed. Derag complete Loto performed shut suction and discharge valve removed debris from pump Loto performed shut suction and discharge valve removed debris from pump Loto performed shut suction and discharge valve removed debris from pump	Completed
	2041 2072 2226 2285 2303 2325 2342 2464 2484 2581 2887 3027 3050 3140 3226 3549 1398 1726 1933 2042 2097 2227 2343 2485 2582 2677 3141	5/26/2016 4/1/2016 5/3/2016 5/3/2016 5/21/2016 5/21/2016 5/21/2016 5/31/2016 6/27/2016 8/11/2016 8/25/2016 9/15/2016 11/4/2016 12/25/2016 11/4/2016 5/31/2016	Reduced output GPM PS #6 Pump 1 PM - Quarterly No power Deragged pump #1 do to low flow rate Low flow ,suspect that the pump is ragged up. Station 6 pump 1 has low flow rate Pump tripped during power transfer Defragging of debris from impeller Low gpm on pumps GPM less than normal. In need of deragging PS #6 Pump 1 PM - Quarterly Pump functioning with less than normal GPM. In need of Deragging GPM less than normal. In need of derag Deragged pump 1 low flow rate PS #6 Pump 1 PM - Quarterly Pump 1 is pumping slower than normal suspect that the pump is plugged with rags and debris, Pump running at 580 GPM. Derag needed PS #6 Pump 2 PM - Quarterly Low flow from pump need to be deragged Derag PS #6 Pump 2 PM - Quarterly Pump # 2 had low flow gpm Deragged pump # 2 do to low flow rate Defragging of debris from pump impeller GPM less than normal. In need of deragging PS #6 Pump 2 PM - Quarterly Needs Derag PS #6 Pump 2 PM - Quarterly	Found no power at mcc. Perform LOTO Chk and found overload relay had tripped. Reset. Then chk pump, and it had lower than expected output. Isolate and inspect, Pump needed to be cleaned also. Loto performed shut suction and discharge removed debris from pump Loto pump 1 isolated valving to pump 1 and remove inspection cover to remove rags and debris. Flow back to normall Loto performed shut suction and discharge valve removed debris from pump Reset breaker in panel Loto performed removed debris from pump Dragged pumps 18.2 8.loto LOTO performed. Deragged pump 1 LOTO performed. Deragged pump 1 Loto performed shut suction and discharge valves opened inspection plate removed debris from pump opened suction and discharge valves primed pump now normal flow 650gpm LOTO the pump and remove all the rags and debris from impeller. Flows back to normal now. Assistance by John Currier, Rick Clark LOTO performed. Deragged pump 1 Grease the pump and motor Loto performed removed inspection port deragged pump checked flow of pump now reading 653 Pump 2 LOTO performed. Derag complete Loto performed shut suction and discharge valve removed debris from pump Loto performed shut suction and discharge valve removed debris from pump Loto performed then deragged pump 2 Loto performed shut suction and discharge valve removed debris from pump Loto performed removed debris from pump	Completed
PS 6 Pump 2 PS 6 Wet Well	2041 2072 2226 2285 2303 2325 2342 2464 2484 2581 2887 3027 3050 3140 3226 3549 1398 1726 1933 2042 2097 2227 2343 2485 2582 2582	5/26/2016 4/1/2016 5/3/2016 5/3/2016 5/16/2016 5/26/2016 5/31/2016 6/18/2016 6/18/2016 6/18/2016 8/11/2016 8/25/2016 9/15/2016 11/4/2016 12/8/2016 12/8/2016 2/29/2016 2/25/2016 3/16/2016 5/26/2016 3/16/2016 5/26/2016 5/3/2016 5/3/2016 5/3/2016 5/3/2016 5/3/2016 5/3/2016 5/3/2016 5/3/2016 5/3/2016 5/3/2016 5/3/2016 5/3/2016 5/3/2016	Reduced output GPM PS #6 Pump 1 PM - Quarterly No power Deragged pump #1 do to low flow rate Low flow ,suspect that the pump is ragged up. Station 6 pump 1 has low flow rate Pump tripped during power transfer Defragging of debris from impeller Low gpm on pumps GPM less than normal. In need of deragging PS #6 Pump 1 PM - Quarterly Pump functioning with less than normal GPM. In need of Deragging GPM less than normal. In need of derag Deragged pump 1 low flow rate PS #6 Pump 1 PM - Quarterly Pump 1 is pumping slower than normal suspect that the pump is plugged with rags and debris, Pump running at 580GPM. Derag needed PS #6 Pump 2 PM - Quarterly Low flow from pump need to be deragged Derag PS #6 Pump 2 PM - Quarterly Pump # 2 had low flow gpm Deragged pump # 2 do to low flow rate Defragging of debris from pump impeller GPM less than normal. In need of deragging PS #6 Pump 2 PM - Quarterly Needs Derag	Found no power at mcc. Perform LOTO Chk and found overload relay had tripped. Reset. Then chk pump, and it had lower than expected output. Isolate and inspect. Pump needed to be cleaned also. Loto performed shut suction and discharge removed debris from pump Loto pump 1 isolated valving to pump 1 and remove inspection cover to remove rags and debris. Flow back to normall Loto performed shut suction and discharge valve removed debris from pump Reset breaker in panel Loto performed removed debris from pump Dragged pumps 182 &loto LOTO performed. Deragged pump 1 LOTO performed. Deragged pump 1 LOTO performed. Deragged pump 1 LOTO performed debris from pump opened suction and discharge valves primed pump now normal flow 650gpm LOTO the pump and remove all the rags and debris from impeller. Flows back to normal now. Assistance by John Currier, Rick Clark LOTO performed. Deragged pump 1 Grease the pump and motor Loto performed removed inspection port deragged pump checked flow of pump now reading 653 Pump 2 LOTO performed. Derag complete Loto performed shut suction and discharge valve removed debris from pump Loto performed then deragged pump Loto performed shut suction and discharge valve removed debris from pump Loto performed removed debris from pump Loto performed removed debris from pump	Completed
	2041 2072 2226 2285 2303 2325 2342 2464 2484 2581 2887 3027 3050 3140 3226 3549 1398 1726 1933 2042 2097 2227 2343 2485 2582 2677 3141	5/26/2016 4/1/2016 5/3/2016 5/3/2016 5/21/2016 5/26/2016 5/31/2016 6/18/2016 6/18/2016 8/11/2016 8/15/2016 9/15/2016 9/15/2016 11/4/2016 12/8/2016 12/8/2016 12/8/2016 12/8/2016 5/26/2016 3/16/2016 5/26/2016	Reduced output GPM PS #6 Pump 1 PM - Quarterly No power Deragged pump #1 do to low flow rate Low flow ,suspect that the pump is ragged up. Station 6 pump 1 has low flow rate Pump tripped during power transfer Defragging of debris from impeller Low gpm on pumps GPM less than normal. In need of deragging PS #6 Pump 1 PM - Quarterly Pump functioning with less than normal GPM. In need of Deragging GPM less than normal. In need of derag Deragged pump 1 low flow rate PS #6 Pump 1 PM - Quarterly Pump 1 is pumping slower than normal suspect that the pump is plugged with rags and debris, Pump running at \$80GPM. Derag needed PS #6 Pump 2 PM - Quarterly Low flow from pump need to be deragged Derag PS #6 Pump 2 PM - Quarterly Pump # 2 had low flow gpm Deragged pump # 2 do to low flow rate Defragging of debris from pump impeller GPM less than normal. In need of deragging PS #6 Pump 2 PM - Quarterly Needs Derag PS #6 Pump 2 PM - Quarterly Needs Derag PS #6 Pump 2 PM - Quarterly	Found no power at mcc. Perform LOTO Chk and found overload relay had tripped. Reset. Then chk pump, and it had lower than expected output. Isolate and inspect, Pump needed to be cleaned also. Loto performed shut suction and discharge removed debris from pump Loto pump 1 isolated valving to pump 1 and remove inspection cover to remove rags and debris. Flow back to normall Loto performed shut suction and discharge valve removed debris from pump Reset breaker in panel Loto performed removed debris from pump Dragged pumps 18.2 &loto LOTO performed. Deragged pump 1 LOTO performed. Deragged pump 1 Loto performed shut suction and discharge valves opened inspection plate removed debris from pump opened suction and discharge valves primed pump now normal flow 650gpm LOTO the pump and remove all the rags and debris from impeller. Flows back to normal now. Assistance by John Currier, Rick Clark LOTO performed. Deragged pump 1 Grease the pump and motor Loto performed removed inspection port deragged pump checked flow of pump now reading 653 Pump 2 LOTO performed. Derag complete Loto performed shut suction and discharge valve removed debris from pump Loto performed then deragged pump 2 Loto performed, Deragged pump 2 LOTO performed, Deragged pump 2 LOTO performed. Deragged pump 2 Opened manhole for inspection of debris Unable to properly identify debris level	Completed
	2041 2072 2226 2285 2303 2325 2342 2464 2484 2581 2887 3027 3050 3140 3226 3549 1398 1726 1933 2042 2097 2227 2343 2485 2582 2677 3141 1453 1739 1900 2106	5/26/2016 4/1/2016 5/3/2016 5/3/2016 5/26/2016 5/26/2016 5/31/2016 6/18/2016 6/18/2016 8/11/2016 8/11/2016 8/25/2016 9/15/2016 9/23/2016 11/4/2016 12/8/2016 2/25/2016 3/16/2016 5/26/2016 5/3/2016 5/3/2016 5/3/2016 5/3/2016 5/3/2016 5/3/2016 5/3/2016 5/3/2016 5/3/2016 5/3/2016 5/3/2016 5/3/2016 5/3/2016 5/3/2016 5/3/2016 5/3/2016	Reduced output GPM PS #6 Pump 1 PM - Quarterly No power Deragged pump #1 do to low flow rate Low flow ,suspect that the pump is ragged up. Station 6 pump 1 has low flow rate Pump tripped during power transfer Defragging of debris from impeller Low gpm on pumps GPM less than normal. In need of deragging PS #6 Pump 1 PM - Quarterly Pump functioning with less than normal GPM. In need of Deragging GPM less than normal. In need of derag Deragged pump 1 low flow rate PS #6 Pump 1 PM - Quarterly Pump 1 is pumping slower than normal suspect that the pump is plugged with rags and debris, Pump running at 580GPM. Derag needed PS #6 Pump 2 PM - Quarterly Low flow from pump need to be deragged Derag PS #6 Pump 2 PM - Quarterly Low flow from pump need to be deragged Derag PS #6 Pump 2 PM - Quarterly Pump # 2 had low flow gpm Deragged pump # 2 do to low flow rate Defragging of debris from pump impeller GPM less than normal. In need of deragging PS #6 Pump 2 PM - Quarterly Needs Derag PS #6 Pump 2 PM - Quarterly Check wetwell for debris Wetwell inspection Wet well / drywell penatrations for aeration Windriver in to clean wetwell	Found no power at mcc. Perform LOTO Chk and found overload relay had tripped. Reset. Then chk pump, and it had lower than expected output. Isolate and inspect. Pump needed to be cleaned also. Loto performed shut suction and discharge removed debris from pump Loto pump 1 isolated valving to pump 1 and remove inspection cover to remove rags and debris. Flow back to normall Loto performed shut suction and discharge valve removed debris from pump Reset breaker in panel Loto performed removed debris from pump Dragged pumps 182 &loto LOTO performed. Deragged pump 1 LOTO performed. Deragged pump 1 LOTO performed. Deragged pump 1 LOTO performed bhut suction and discharge valves opened inspection plate removed debris from pump opened suction and discharge valves primed pump now normal flow 650gpm LOTO the pump and remove all the rags and debris from impeller. Flows back to normal now. Assistance by John Currier, Rick Clark LOTO performed. Deragged pump 1 Grease the pump and motor Loto performed removed inspection port deragged pump checked flow of pump now reading 653 Pump 2 LOTO performed. Derag complete Loto performed then deragged pump Loto performed shut suction and discharge valve removed debris from pump Loto performed Shut suction and discharge valve removed debris from pump Loto performed Permoved debris from pump Loto performed Permoved debris from pump LOTO performed. Deragged pump 2 Opened manhole for inspection of debris Unable to properly identify debris level	Completed Completed
	2041 2072 2226 2285 2303 2325 2342 2464 2484 2581 2887 3027 3050 3140 3226 3549 1398 1726 1933 2042 2097 2227 2343 2485 2582 2677 3141 1453 1739 1900	5/26/2016 4/1/2016 5/3/2016 5/3/2016 5/46/2016 5/21/2016 5/21/2016 5/26/2016 5/31/2016 6/27/2016 8/11/2016 9/15/2016 9/15/2016 11/4/2016 12/8/2016 12/8/2016 2/25/2016 3/16/2016 5/26/2016 4/8/2016 5/31/2016	Reduced output GPM PS #6 Pump 1 PM - Quarterly No power Deragged pump #1 do to low flow rate Low flow ,suspect that the pump is ragged up. Station 6 pump 1 has low flow rate Pump tripped during power transfer Defragging of debris from impeller Low gpm on pumps GPM less than normal. In need of deragging PS #6 Pump 1 PM - Quarterly Pump functioning with less than normal GPM. In need of Deragging GPM less than normal. In need of derag Deragged pump 1 low flow rate PS #6 Pump 1 PM - Quarterly Pump 1 is pumping slower than normal suspect that the pump is plugged with rags and debris, Pump running at 580GPM. Derag needed PS #6 Pump 2 PM - Quarterly Low flow from pump need to be deragged Derag PS #6 Pump 2 PM - Quarterly Pump # 2 had low flow gpm Deragged pump # 2 do to low flow rate Defragging of debris from pump impeller GPM less than normal. In need of deragging PS #6 Pump 2 PM - Quarterly Needs Derag PS #6 Pump 2 PM - Quarterly Check wetwell for debris Wetwell inspection Wet well I drywell penatrations for aeration	Found no power at mcc. Perform LOTO Chk and found overload relay had tripped. Reset. Then chk pump, and it had lower than expected output. Isolate and inspect, Pump needed to be cleaned also. Loto performed shut suction and discharge removed debris from pump Loto pump 1 isolated valving to pump 1 and remove inspection cover to remove rags and debris. Flow back to normal! Loto performed shut suction and discharge valve removed debris from pump Reset breaker in panel Loto performed removed debris from pump Dragged pumps 18.2 &loto LOTO performed. Deragged pump 1 LOTO performed. Deragged pump 1 LOTO performed. Deragged pump 1 LOTO performed bhut suction and discharge valves opened inspection plate removed debris from pump opened suction and discharge valves primed pump now normal flow 650gpm LOTO the pump and remove all the rags and debris from impeller. Flows back to normal now. Assistance by John Currier, Rick Clark LOTO performed. Deragged pump 1 Grease the pump and motor Loto performed removed inspection port deragged pump checked flow of pump now reading 653 Pump 2 LOTO performed. Derag complete Loto performed shut suction and discharge valve removed debris from pump Loto performed then deragged pump Loto performed shut suction and discharge valve removed debris from pump Loto performed. Deragged pump 2 Opened manhole for inspection of debris Unable to properly identify debris level Cleaned wetwell of debris and grease Opened wetwell for inspection of debris % debris	Completed Completed
	2041 2072 2226 2285 2303 2325 2342 2464 2484 2581 2887 3027 3050 3140 3226 3549 1398 1726 1933 2042 2097 2227 2343 2485 2582 2677 3141 1453 1739 1900 2106	5/26/2016 4/1/2016 5/3/2016 5/3/2016 5/26/2016 5/26/2016 5/31/2016 6/18/2016 6/18/2016 8/11/2016 8/11/2016 8/25/2016 9/15/2016 9/23/2016 11/4/2016 12/8/2016 2/25/2016 3/16/2016 5/26/2016 5/3/2016 5/3/2016 5/3/2016 5/3/2016 5/3/2016 5/3/2016 5/3/2016 5/3/2016 5/3/2016 5/3/2016 5/3/2016 5/3/2016 5/3/2016 5/3/2016 5/3/2016 5/3/2016	Reduced output GPM PS #6 Pump 1 PM - Quarterly No power Deragged pump #1 do to low flow rate Low flow ,suspect that the pump is ragged up. Station 6 pump 1 has low flow rate Pump tripped during power transfer Defragging of debris from impeller Low gpm on pumps GPM less than normal. In need of deragging PS #6 Pump 1 PM - Quarterly Pump functioning with less than normal GPM. In need of Deragging GPM less than normal. In need of derag Deragged pump 1 low flow rate PS #6 Pump 1 PM - Quarterly Pump 1 is pumping slower than normal suspect that the pump is plugged with rags and debris, Pump running at 580GPM. Derag needed PS #6 Pump 2 PM - Quarterly Low flow from pump need to be deragged Derag PS #6 Pump 2 PM - Quarterly Low flow from pump need to be deragged Derag PS #6 Pump 2 PM - Quarterly Pump # 2 had low flow gpm Deragged pump # 2 do to low flow rate Defragging of debris from pump impeller GPM less than normal. In need of deragging PS #6 Pump 2 PM - Quarterly Needs Derag PS #6 Pump 2 PM - Quarterly Check wetwell for debris Wetwell inspection Wet well / drywell penatrations for aeration Windriver in to clean wetwell	Found no power at mcc. Perform LOTO Chk and found overload relay had tripped. Reset. Then chk pump, and it had lower than expected output. Isolate and inspect. Pump needed to be cleaned also. Loto performed shut suction and discharge removed debris from pump Loto pump 1 isolated valving to pump 1 and remove inspection cover to remove rags and debris. Flow back to normall Loto performed shut suction and discharge valve removed debris from pump Reset breaker in panel Loto performed removed debris from pump Dragged pumps 182 &loto LOTO performed. Deragged pump 1 LOTO performed. Deragged pump 1 LOTO performed. Deragged pump 1 LOTO performed bhut suction and discharge valves opened inspection plate removed debris from pump opened suction and discharge valves primed pump now normal flow 650gpm LOTO the pump and remove all the rags and debris from impeller. Flows back to normal now. Assistance by John Currier, Rick Clark LOTO performed. Deragged pump 1 Grease the pump and motor Loto performed removed inspection port deragged pump checked flow of pump now reading 653 Pump 2 LOTO performed. Derag complete Loto performed then deragged pump Loto performed shut suction and discharge valve removed debris from pump Loto performed Shut suction and discharge valve removed debris from pump Loto performed Permoved debris from pump Loto performed Permoved debris from pump LOTO performed. Deragged pump 2 Opened manhole for inspection of debris Unable to properly identify debris level	Completed Completed



VS 4					
17/		40.00100.10			
0/	3207	10/5/2016	Wetwell Inspected	Wetwell Inspected, Little to no debris present	Complet
PS 9	1190	1/13/2016	PS #9 Inspection - Monthly	tested floats	Complet
	1367	2/1/2016	PS #9 Inspection - Monthly	testeu noats	Complet
	1542	3/21/2016	PS #9 Inspection - Monthly		Complet
	1785	4/14/2016	PS #9 Inspection - Monthly		Complet
	2011	5/4/2016	PS #9 Inspection - Monthly		Complet
	2168	6/1/2016	PS #9 Inspection - Monthly		Complet
	2373	7/1/2016	PS #9 Inspection - Monthly		Complet
	2547	8/8/2016	PS #9 Inspection - Monthly		Complet
	2763	9/1/2016	PS #9 Inspection - Monthly	Assisted by Esia Sutten we shocked out the day well condition and	Complet
	2937	11/23/2016	PS #9 Inspection - Monthly	Assisted by Eric Sutton we checked out the dry well condition and grease the pump and motor, check out the sump pump operations, all good at this time.	Complet
	3106	11/7/2016	PS #9 Inspection - Monthly		Complet
1/	3309	12/29/2016	PS #9 Inspection - Monthly	Wetwell Inspected. No debris present	Complet
8	3431	11/30/2016	Anchor ladder lower level	Anchor ladder Anchor ladder	Complet
PS 9 Building	2222	5/3/2016	Fall protection Safety audit item #40	Task completed Item # 40 safety audit	Comple
1	2709	7/24/2016	Drywell High Water Level Alarm. Alarm active for 26	Checked drywell, moist appearance yet no flooding detected.	Complet
D000			seconds before auto-acknowledging itself.	Faulty alarm.	
PS 9 Generator	1212	1/5/2016	PS #9 Generator Inspection and Load Test - Monthly	Dan generator lead test complete	Complet
	1213	1/5/2016	PS #9 Generator Inspection and Test - Weekly	Ran generator load test complete Power loss on 1/10/16 the emergency generator ran for 4 hours,	Complet
	1214	1/14/2016	PS #9 Generator Inspection and Test - Weekly	under load, ran today no load!	Complet
	1215	1/19/2016	PS #9 Generator Inspection and Test - Weekly	Ran generator no load todayl	Complet
	1216	1/26/2016	PS #9 Generator Inspection and Test - Weekly	The local today.	Comple
	1399	2/1/2016	PS #9 Generator Inspection and Load Test - Monthly		Comple
	1400	2/2/2016	PS #9 Generator Inspection and Test - Weekly	No load	Comple
	1401	2/12/2016	PS #9 Generator Inspection and Test - Weekly	Ran generator load test complete!	Comple
	1402	2/17/2016	PS #9 Generator Inspection and Test - Weekly	P. Control of the Con	Comple
	1403	2/21/2016	PS #9 Generator Inspection and Test - Weekly	No load	Comple
	1476	1/14/2016	Emergency generator, block heater is over heating, needs replacement!	Replaced block heater on the emergency generator, coolant temperature back to normal with new heater installed parts we had in inventory!	Comple
	1564	3/6/2016	PS #9 Generator Inspection and Load Test - Monthly	m inventory: Generator LOAD-TEST performed. AC VOLTS - 400. AC AMPERES - 0, HERTZ - 60, OIL - 75. WATER TEMP - 170 BATTERY - 14.	Comple
	4800	3/11/2016	De #0 Consents - Lange	Construction of the Constr	Complet
	1566 1567	3/11/2016	PS #9 Generator Inspection and Test - Weekly PS #9 Generator Inspection and Test - Weekly	Ran generator no load todayl Ran generator no load todayl	Complet
	1568	3/22/2016	PS #9 Generator Inspection and Test - Weekly	Ran generator no load today!	Complet
	1811	4/12/2016	PS #9 Generator Inspection and Load Test - Monthly	Load test	Complet
	1812	3/29/2016	PS #9 Generator Inspection and Load Test - Working	Load test	Comple
	1815	4/20/2016	PS #9 Generator Inspection and Test - Weekly		Comple
	1816	5/12/2016	PS #9 Generator Inspection and Test - Weekly	weekly generator run	Comple
	2043	5/4/2016	PS #9 Generator Inspection and Load Test - Monthly	Weekly generator run	Comple
	2045	5/10/2016	PS #9 Generator Inspection and Test - Weekly		Comple
	2046	5/24/2016	PS #9 Generator Inspection and Test - Weekly		Comple
	2047	5/1/2016	PS #9 Generator Inspection and Test - Weekly		Complet
	2194	6/3/2016	PS #9 Generator Inspection and Load Test - Monthly		Comple
	2195	6/7/2016	PS #9 Generator Inspection and Test - Weekly	Service Incident Completed	Complet
	2196	6/1/2016	PS #9 Generator Inspection and Test - Weekly		Complet
	2197	6/1/2016	PS #9 Generator Inspection and Test - Weekly		Comple
	2198	7/1/2016	PS #9 Generator Inspection and Test - Weekly		Comple
	2199	7/1/2016	PS #9 Generator Inspection and Test - Weekly		Complet
	2395	7/8/2016	PS #9 Generator Inspection and Load Test - Monthly		Comple
	2396	7/8/2016	PS #9 Generator Inspection and Test - Weekly		Comple
	2397	7/14/2016	PS #9 Generator Inspection and Test - Weekly		Comple
	2398	7/1/2016	PS #9 Generator Inspection and Test - Weekly		Comple
	2399	7/31/2016	PS #9 Generator Inspection and Test - Weekly		Comple
	2583	8/1/2016	PS #9 Generator Inspection and Load Test - Monthly		Comple
	2584	8/7/2016	PS #9 Generator Inspection and Test - Weekly		Comple
	2585	8/16/2016	PS #9 Generator Inspection and Test - Weekly	Ran generator load test complete!	Comple
	2586	8/16/2016	PS #9 Generator Inspection and Test - Weekly		Comple
	2587	8/25/2016	PS #9 Generator Inspection and Test - Weekly	Ran generator no load today!	Comple
	2588	8/29/2016	PS #9 Generator Inspection and Test - Weekly	Ran generator no load today!	Comple
	2785	9/12/2016	PS #9 Generator Inspection and Load Test - Monthly	Ran generator load test completel	Comple
	2786	9/6/2016	PS #9 Generator Inspection and Test - Weekly		Comple
	2787	9/1/2016	PS #9 Generator Inspection and Test - Weekly		Comple
	2788	9/20/2016	PS #9 Generator Inspection and Test - Weekly		Comple
	2789	9/1/2016	PS #9 Generator Inspection and Test - Weekly		Comple
	2959	10/11/2016	PS #9 Generator Inspection and Load Test - Monthly	Load test complete!	Comple
	2960	10/3/2016	PS #9 Generator Inspection and Test - Weekly		Comple
	2961	10/1/2016	PS #9 Generator Inspection and Test - Weekly		Comple
	2962	10/1/2016	PS #9 Generator Inspection and Test - Weekly		Comple
	2963	10/30/2016	PS #9 Generator Inspection and Test - Weekly		Comple
	3142	11/1/2016	PS #9 Generator Inspection and Load Test - Monthly PS #9 Generator Inspection and Test - Weekly		Comple
	3143	11/6/2016	PS #9 Generator Inspection and Test - Weekly PS #9 Generator Inspection and Test - Weekly		Comple
	3144	11/1/2016	PS #9 Generator Inspection and Test - Weekly PS #9 Generator Inspection and Test - Weekly		Comple
+	3145 3146	11/1/2016	PS #9 Generator Inspection and Test - Weekly PS #9 Generator Inspection and Test - Weekly		Comple
	3146	11/1/2016	PS #9 Generator Inspection and Test - Weekly PS #9 Generator Inspection and Test - Weekly		Comple
	3232	10/14/2016	Battery for the emergency generator needs to be	Remove the old battery and replace it with a new battery operating	Comple
			replaced, outdated vintage! 2007	normal again. Work Completed.	Comple
	3331	12/1/2016	PS #9 Generator Inspection and Load Test - Monthly	work completed,	Complet
1	3332	12/5/2016	PS #9 Generator Inspection and Test - Weekly	Pan generator load test todays	Complet
NI/	3333	12/21/2016	PS #9 Generator Inspection and Test - Weekly	Ran generator load test todayl	Complet
TAY.	3334	12/1/2016	PS #9 Generator Inspection and Test - Weekly	Work Completed.	Complet
S 9 GridBee Aerator	3335 2627	12/29/2016 7/6/2016	PS #9 Generator Inspection and Test - Weekly Installation of gridbee earator	Opened manhole, cored holes, installed earator, cleaned area . Earator now operational	Comple
	2639	7/1/2016	PS 9 Aerator install Punch List		Complet
S 9 GridBee Aerator	2640	7/1/2016	PS #9 Aerator Compressor dedicated circuit		Complet
9 Piping and Valves	2800	9/7/2016	Exercise valves		Complet
	1404	2/29/2016	PS #9 Pump 1 PM - Quarterly	Grease the pump and motor	Complet

Page Special Special Page P	12	9 pump	1473	1/13/2016	Installed mesh safety guard on pump	Eric,Rick,John wrapped pump 1 with mesh safety guard	Complet
289 0 41/2016 PER Pump IPM Countriely 281 10022016 De pump 2 at stellen - not pumping 282 10022016 De pump 2 at stellen - not pumping 283 10022016 Per Pump IPM Countriely 283 10022016 Per Pump IPM Countriely 284 10022016 Per Pump IPM Countriely 285 10022016 Per Pump IPM Countriely 285 10022016 Per Pump IPM Countriely 286 10022016 Per Pump IPM Countriely 286 10022016 Per Pump IPM Countriely 287 10022016 Per Pump IPM Countriely 287 10022016 Per Pump IPM Countriely 288 10022016 Per Pump IPM						Eric, Nick, John Wrapped Pulip 1 Will mesh safety guard	
P6 Promp 78 - Operation 78 - Operating 78 - Opera							
Despuis 1902/2006 Despuis part at station - not pumping Despuis De							
Das pump 2 at station - not pumping part of the company part of the pumping part			3148	11///2016	PS #5 Pump 1 Pm - Quarterly		Complet
Dispute purpose of the control of th					I.	Assisted by Pat Owens and Kate Roosa backflush pump 2x and got	
PS 8 Pump 2 3233 1905/2916 PS 8 Pump 2 1469 2927/2916 PS 9 Pump 2 PS 9 PS 9 Pump 2 PS 9 PS		\	2254	40/00/0046	ID as some 2 at station, and sometime	to pump. Had to return to station an hour later. Perform LOTO and	Commiss
PS 9 Pump 2 1685 2689291 10222018			3251	10/22/2016	iD as pump 2 at station - not pumping	pull rotating assy, and appears an old float may be in the volute	Complet
PS 9 Pump 2 1685 2689291 10222018			1	13	I)	suction elbow. Need to pull lower Insp port to try and remove.	
PS 9 Pump 2 1465 1467 1473/2016 1467 1473/2016 1467 1473/2016 1467 1473/2016 1467 1473/2016 1467 1473/2016 1467 1473/2016 1467 1473/2016 1467 1473/2016 1467 1473/2016 1467 1473/2016 14							
PS 9 Pump 2 1409. PS 9 Pump 2		11	17708568	0.000.000.00000000000000000000000000000	Restricted suction line of pump 1 , suspect that it is		17623137537233
PS 9 Pump 2 1465 2/28/2016 PS 8 Pump 2 PM - Coasted by		W	3253	10/25/2016		the pump base , a complete float switch, that entered from the wet	Complete
1.614 1732016 Installed meals after generic on pump 2 Effs.Rick_behn varspeed ground methods after goard Compile 200 2010		<u> </u>	1				
2009 0782016 PS 8 Pump ZPM Charterly Completed PS 1 Pump ZPM Charterly PS 2 Pump ZPM Charterly PS 3 Pump ZPM Charterly PS 3 Pump ZPM Charterly PS 4	PS 9 Pu	ump 2					Complete
P8 8 Pump 2 PM - Guarterly P8 9 Pump 2 PM - Guarterly P8 9 Pump 2 PM - Guarterly P8 9 Pm 2 PM - Survey P8 9 Pm 2 Pm 2 PM - Survey P8 9 Pm 2 Pm 2 PM - Survey P8 9 Pm 2 Pm		0.40.406	1474	1/13/2016	Installed mesh safety guard on pump 2	Eric,Rick,John wrapped pump with mesh safety guard	Complete
P8 8 Dump Pamp 2777 177807666			2049	5/26/2016	PS #9 Pump 2 PM - Quarterly		Complete
P8 8 Dump Pamp 2777 177807666			2590	8/11/2016	PS #9 Pump 2 PM - Quarterly		Complete
PS 9 Nom Phung 2777 778/2006 80002016 8000		V	3149	11/7/2016			Complete
PP 9 Well Well 1545 1572916 Westerland residence of a surrey pump			1 10000000	710010010		We removed the debris from the impeller of the pump and flow is	19.5
2229 81/2916 Visual speecion of europ pump 2230 43/2016 Visual speecion of europ pump 2230 43/2016 Visual star almo statistical or your all young pump 2230 43/2016 Visual star almo statistical or your all young pump 2230 43/2016 Visual star almo statistical or your all young pump 2230 43/2016 Visual star almo statistical or young star almost star almos	PS 9 Sum	ip Pump	2/1/	7/26/2016		back to normal!	Complete
Section Sect			2829	8/1/2016		Pump operating efficiently	Complete
PS 9 Wet Well 1459 146							
PS 8 We Well 1469 1469 1472/2016 1469 1472/2016 Well 1472/2016 PS A Inspection or denthy PS A Inspection - Menthly 1472/2016 Well 1472/2016 PS A Inspection - Menthly 1472/2016 PS A Inspection - Menthly 2472		1	20000	2000000000			1995 60000
By Wet Well 1449 1421/2016 Check wetwell for debris Check wetwell for debris Check wetwell for debris Check wetwell for debris Wetwell inspection 1449 1471/2016 Windriver in to chan wetwell Proposed the second of the wetwell but flow was to much for company to the bottom of the wetwell but flow to the wetwell and the properties of the but flow was to much flo		1.2	2830	8/3/2016	operating normally, but multiple alarms continue. Found		Complete
PS West Well 1464 182916 Check wetwell for debris Check wetwell for debris Wetwell packed by 18210216 Wetwell impaction 1902 3712016 Wetwell impaction Wetwell impaction 1902 3712016 Wetwell impaction Wetwell impaction Check wetwell but file was to much for Completed by 1902 3712016 Wetwell impaction Wetwell impaction Check wetwell for debris Wetwell impaction Check wetwell for debris Wetwell impaction Check wetwell for debris Wetwell impaction Wetwell impacti		N	4				(25)
1489 121/2016 Windriver int oclean webwell Lowered vaccuum pipe rewood debits from webwell. Also fried Compile		ч					
1429 11212726 Windriver in to clean wetwell pumping to the bottom of the wetwell but flow was to much for 1760 1992 371276 Wetwell Inspection Very gipht amount of debris Compile 1992 371276 Wetwell Inspection Clear wetwell Compile 1993 371276 Wetwell Inspection Clear wetwell Compile 1993 371276 Wetwell Inspection Clear wetwell Compile 1994 371276 Inspection of verbreal for debris Compile 1994 1	PS 9 We	et Well	1454	1/8/2016	Check wetwell for debris		Complete
1746 2728/2016 Weltwell Inspection of weltwill for debts Completed		1	20000	200000000000000000000000000000000000000	enter a service de la company	Lowered vacuum pipe removed debris from wetwell. Also tried	
1746 32292956 Wetwell inspection Very table Complet			1489	1/21/2016	Windriver in to clean wetwell	pumping to the bottom of the wetwell but flow was to much for	Complete
1746 32292956 Wetwell inspection Very table Complet						truck	
1932 37/2016 Wetwell Inspection Clear wetwell			1740	2/29/2016	Wetwell inspection		Complete
1982 33/20/2016 Inspection of verbreil for debts Compet verbreil for debts Compet verbreil for debts Compet verbreil for debts Compet verbreil for verbreil for verbreil for verbreil for debts Compet verbreil for verbreil for verbreil for debts Compet verbreil for						To you will be debited	
2243 54/2016 Inspection of webvell for debris Opened wetwell for inspection of abetis Completed (1974) (197						Cleanwaturall	
2291 5/16/2016 Inspection of waterell for debts Opened weter large class of debts Cemple							
2447 6882016 Inspection of welvevil for rispection of debris 90, debris Complet							
2687 7714/2016 Wetwell Inspected Wetwell Inspected, Little to no eutrate solids present Compile							
PS A 1981 11/32/1016 PS 4A Inspection - Monthly Completed PS 4A Inspection - Monthly		1					Complet
PS A Inspection - Monthly Complete		W					Complet
1368 31/12/316 PS Af Inspection - Monthly Complet		200.00	3208	10/5/2016	Wetwell Inspected	Wetwell Inspected. Little to no debris present	Complet
1368 371/2016 PS AA Inspection - Monthly Complet	PS	A					Complet
1543 3/21/2016 P8 Af Inspection - Monthly Complet							
1786							
2012 59/12016 PS #A Inspection - Monthly Comple							
2374 77/14/2016 PS 8 An appeation - Monthly 2374 07/14/2016 PS 8 An appeation - Monthly 2378 07/14/2016 PS 8 An appeation - Monthly 2378 07/14/2016 PS 8 An appeation - Monthly 2378 11/23/2016 Inspection of wetwell appear							
2374 7/14/2016 P5 #A Inspection - Monthly Wetwell Inspection of drywell. Comple							
254 8f1/2016 PS #A Inspection - Monthly Completed							
2548 81/12016 PS & Anspection - Monthly Completed 1244 81/12016 PS & Anspection - Monthly Contacted Hull light and monitored station Completed 1249 81/12016 PS & Anspection - Monthly Assisted by Eric Sutton we checked out the dry well condition and the sump pump operations, no grease fittings on station A as a pumps are the submersible type, all good with sumpajarm and overall conditions and the sump pump operations, and grease fittings on station A as a pumps are the submersible type, all good with sumpajarm and overall conditions good at this time. 258 A GridBee Aerator 31947 3124/2016 PS & Anspection - Monthly Wetwell inspected. Debris level estimated at 3%. Complet of the sumparison			2374	7/14/2016	PS #A Inspection - Monthly		
2764 911/2016 P3 Al napsection - Monthly Completed						Wetwell Inspection and visual inspection of drywell.	Complet
2849 8/14/2016 Power failure Contacted Hull light and monitored station Comple Assisted by Eric Sutton we chocked out the dry well condition and the sum pump operations, no grease effitings on station A as pumps and the sum pump operations, no grease effitings on station A as pumps and the sum pump operations, no grease effitings on station A as pumps and the sum pump operations, no grease effitings on station A as pumps and the sum pump operations, no grease effitings on station A as pumps and the sum pump operations, no grease effitings on station A as pumps and the sum pump operations, no grease effitings on station A as pumps and the sum pump operations, no grease effitings on station A as pumps and the sum pump operations, no grease effitings on station A as pumps and the sum pump operations, no grease effitings on station A as pumps and overall conditions good at this time. 28 A GridBee Aerator 29 A GridBee Aerator 2104 4/20/2016 Inspection of wetwell for debris and grease with aerator in statiled. Per A Building and the sum pump operations, no grease on shelf. 2105 A Building and station of well of the pump and mother details in the sum pump operations, no grease effitings on station A as pumps and the sum pump operations, no grease effitings on station A as pumps and the sum pump operations, no grease effitings on station As pumps and the sum pump operations, no grease efficings on station As pumps and the sum pump operations, no grease efficings on station As pumps and server, and the sum pump operations, no grease efficings on station As pumps and server, and the sum pump operations, and the sum pump and mother details and pumps and server. Comple complete and pumps and server, and aerator working to capacity. 2106 A GridBee Aerator 2107 A Building and mother details and greater or the sumps and server, and aerator working to capacity. 2108 A Flight and monitored station As pumps and the sum pump and mother details and pumps and server. Complete and pumps and server. Complete and pumps and serv			2548	8/1/2016	PS #A Inspection - Monthly		Complete
2849 8/14/2016 Power failure Contacted Hull light and monitored station Comple Assisted by Eric Sutton we chocked out the dry well condition and the sum pump operations, no grease effitings on station A as pumps and the sum pump operations, no grease effitings on station A as pumps and the sum pump operations, no grease effitings on station A as pumps and the sum pump operations, no grease effitings on station A as pumps and the sum pump operations, no grease effitings on station A as pumps and the sum pump operations, no grease effitings on station A as pumps and the sum pump operations, no grease effitings on station A as pumps and the sum pump operations, no grease effitings on station A as pumps and the sum pump operations, no grease effitings on station A as pumps and the sum pump operations, no grease effitings on station A as pumps and overall conditions good at this time. 28 A GridBee Aerator 29 A GridBee Aerator 2104 4/20/2016 Inspection of wetwell for debris and grease with aerator in statiled. Per A Building and the sum pump operations, no grease on shelf. 2105 A Building and station of well of the pump and mother details in the sum pump operations, no grease effitings on station A as pumps and the sum pump operations, no grease effitings on station A as pumps and the sum pump operations, no grease effitings on station As pumps and the sum pump operations, no grease efficings on station As pumps and the sum pump operations, no grease efficings on station As pumps and server, and the sum pump operations, no grease efficings on station As pumps and server, and the sum pump operations, and the sum pump and mother details and pumps and server. Comple complete and pumps and server, and aerator working to capacity. 2106 A GridBee Aerator 2107 A Building and mother details and greater or the sumps and server, and aerator working to capacity. 2108 A Flight and monitored station As pumps and the sum pump and mother details and pumps and server. Complete and pumps and server. Complete and pumps and serv			2764	9/1/2016	PS #A Inspection - Monthly		Complet
Assisted by Eric Sutton we checked out the dry well condition and the sumps are the submersible type, all good with sump_alarm and overall conditions, good at this time. 3310 12/29/2016 PS RA Inspection - Monthly 3310 12/29/2016 PS RA Inspection - Monthly PS A GridBee Aerator 1947 3/24/2016 Install of gridbee aerator, pwe pips_digging of trench, cement, work at welvell area or more through the complex of the property of th			2849	8/14/2016	Power failure	Contacted Hull light and monitored station	Complet
the sump pump operations, no grease fittings on station A as pumps are the submersible type, all good with sump, alarm and brush pumps are the submersible type, all good with sump, alarm and brush pumps are the submersible type, all good with sump, alarm and brush pumps are the submersible type, all good with sump, alarm and brush pumps are the submersible type, all good with sump, alarm and brush pump and motor assistance from John Cumple Comple Complex of the pump and motor assistance from John Currier, Complex of the pump and motor assis							
11/23/2016 11/23/2016	1						
1107 11/7/2016 PS & Inspection - Monthly Wetwell Inspected. Debris level estimated at 3%. Comple 12/29/2016 PS & Inspection - Monthly Useful Inspected. Debris level estimated at 3%. Comple 12/29/2016 Install of gridbee aerator, purple, pulped, gligging of trench, cement, work at wetwell area to cement, work at wetwell area to complex of the pump and motor assistance from Juhin Valves 28 Building 2854 Brili2016 Door expanded due to heat. Door won't open Complex or on shelf. PS & Building 2854 Brili2016 Door expanded due to heat. Door won't open Compressor 1944 4/8/2016 Connect new 110 volt powered aerator to electric panel. Complex or on shelf. PS & A GridBee Aerator 27 Advisor 21/2016 Connect new 110 volt powered aerator to electric panel. Complex or on shelf. Bispected wetwell very clean no debris or gresse Complex or on shelf. Inspected wetwell very clean no debris or gresse Complex or on shelf. Inspected wetwell very clean no debris or gresse Complex or on shelf. Inspected wetwell very clean no debris or gresse Complex or on shelf. Inspected wetwell very clean no debris or gresse Complex or on shelf. Inspected wetwell very clean no debris or gresse Complex or on shelf. Inspected wetwell very clean no debris or gresse Complex or on shelf. Inspected wetwell and aerator no debris or gresse Complex or on shelf. Inspected wetwell and aerator or or shelf. Inspected wetwell and aerator or or debris in wetwell and aerator or or debris in wetwell and aerator working to capacity and aerator working to ca			2938	11/23/2016	PS #A Inspection - Monthly		Complet
3107 11/7/2016 PS Af Inspection - Monthly 310 12/2016 Install of gridbee aerator, pvc pipe, digging of trench, cement,work at wetwell area are more properties of the	4						
SA GridBee Aerator		1	2407	44 17/2040	DO MA Innection Monthly	overall conditions good at this time.	Commission
Install of gridbee aerator processing of trench, cement, work at wetwell area for processing place of the pump. PA Building to wetwell, chilseled 2" hole thru wetwell for debris and grease with aerator for processing place in the wetwell cement all air holes inside wetwell and trench backfilled trench, mounted compressor on shelf. Inspection of wetwell for debris and grease with aerator installed compressor on shelf. SA GridBee Aerator Compressor 1944 4/8/2016 Connect new 110 volt powered aerator to electric panel. PS A Modem 1592 2/10/2016 Station in commfail at 4:30pm. PS A Modem 1592 2/10/2016 Station in commfail at 4:30pm. PS A Pump 1 1 1406 2/29/2016 PS A Pump 1 PM - Quarterly Grease and inspect pump and motor assistance from John Currier. SA Piping and Valves 2/205 5/26/2016 PS A Pump 1 PM - Quarterly Grease and inspect pump and motor assistance from John Currier. PS A Pump 2 1407 2/29/2016 PS A Pump 2 PM - Quarterly Perform a p&m for pump and motor, greased the pump and motor of complex process possible. PS A Pump 2 1407 2/29/2016 PS A Pump 2 PM - Quarterly Perform a p&m for pump and motor, greased the pump and motor of complex process possible. PS A Pump 2 PM - Quarterly Perform a p&m for pump and motor, greased the pump and motor of complex process proces	1	/				W. W	
Install of gridbee aerator, purple, fliggling of trench, cement, work at wetwell area can be lose in side wetwell and reached, mounted compressor on shelf. Inspection of wetwell for debris and grease with aerator installed. PS A GridBee Aerator 2844 8/1/2016 Door expanded due to heat, Door won't open Compressor on shelf. PS A GridBee Aerator Compressor 1944 4/8/2016 Connect new 110 volt powered aerator to electric panel. PS A GridBee Aerator Compressor 1944 4/8/2016 Connect new 110 volt powered aerator to electric panel. PS A Modem 1592 2/10/2016 Inspection of wetwell aerator and debris Gompressor 1944 4/8/2016 Connect new 110 volt powered aerator to electric panel. PS A Modem 1592 2/10/2016 Station in commfail at 4:30pm. PS A Piping and Valves 2801 9/7/2016 Exercise valves Comples Compressor 1944 1406 2/29/2016 PS A Pump 1 PM - Quarterly Grease and inspect pump and motor assistance from John Currier. Comples 3150 11/7/2016 PS A Pump 1 PM - Quarterly Perform a p&m for pump and motor assistance from John Currier. Comple 2591 8/11/2016 PS A Pump 1 PM - Quarterly Perform a p&m for pump and motor, greased the pump and motor greased the pump and motor pump and motor greased the pump and motor pump and motor pump and motor greased the pump and motor pump and motor greased the pump and grease and inspect pump and motor greased the pump and motor greased the pump and grease and grea	- 4		3310	12/29/2016	PS #A Inspection - Monthly		Complet
cement,work at wetwell area holes inside wetwell and trench backfilled trench, mounted compressor on shelf. 2114 4/20/2016 Inspection of wetwell for debris and grease with aerator installed compressor on shelf. 258 A GridBee Aerator Compressor 2108 4/14/2016 Connect new 110 volt powered aerator to electric panel. 2108 4/14/2016 Inspection of wetwell aerator and debris 2108 2/10/2016 Station in commfail at 4:30pm. PS A Modem 1592 2/10/2016 Station in commfail at 4:30pm. SA Piping and Velves 2801 9/7/2016 Exercise valves PS A Pump 1 1 1406 2/29/2016 PS A Pump 1 PM - Quarterly 2205 5/26/2016 PS A Pump 1 PM - Quarterly 2505 5/26/2016 PS A Pump 1 PM - Quarterly 2505 11/17/2016 PS A Pump 1 PM - Quarterly 2506 9/3/2016 PS A Pump 1 PM - Quarterly PS A Pump 2 1 1407 2/29/2016 PS A Pump 1 PM - Quarterly PS A Pump 2 1407 2/29/2016 PS A Pump 1 PM - Quarterly PS A Pump 3 150 11/17/2016 PS A Pump 1 PM - Quarterly PS A Pump 2 PM - Quarterly PS A Sump Pump 1290 3/1/2016 PS A Pump 2 PM - Quarterly PS A Sump Pump 1290 3/1/2016 PS A Pump 2 PM - Quarterly PS A Sump Pump 1290 3/1/2016 PS A Pump 2 PM - Quarterly PS A Sump Pump 1290 3/1/2016 PS A Pump 2 PM - Quarterly PS A Sump Pump 1290 3/1/2016 PS A Pump 2 PM - Quarterly PS A Sump Pump 1290 3/1/2016 PS A Pump 2 PM - Quarterly PS A Sump Pump 1290 3/1/2016 PS A Pump 2 PM - Quarterly PS A Sump Pump 1290 3/1/2016 PS A Pump 2 PM - Quarterly PS A Wet Well 1448 1/8/2016 Check wetwell for debris PS A Wet Well 1448 1/8/2016 Check wetwell for debris Opened manhole for inspection of debris Comple Comple wetwell down vacuous wetwell down vacuous washed silo and ladder pump per wow debris from wetwell addent subtraction of debris Comple Comple wetwell debris Subtraction of debris With windriver Opened manhole for inspection of debris Comple Comple wetwell of debris with w							
Cement, york at vertwell area PS A Building 2854 81/12016 Door expanded due to heat. Door won't open Inspected wetwell very clean no debris or grease Comple	oe A GridDa	on Aprator	1947	3/24/2016	Install of gridbee aerator, pvc pipe,digging of trench,	for pvc pipe, ran aerator hose thru pipe into wetwell, cement all air	Complet
PS A Building 2854 8/11/2016 Door expanded due to heat. Door work open Comple SA GridBee Aerator Compressor 1944 4/8/2016 Connect new 110 volt powered aerator to electric panel. Glenn Gompte SA GridBee Aerator 1944 4/8/2016 Connect new 110 volt powered aerator to electric panel. Glenn Gompte SA GridBee Aerator 1944 4/8/2016 Connect new 110 volt powered aerator to electric panel. Glenn Glenn Gompte SA GridBee Aerator 1944 4/8/2016 Inspection of wetwell aerator and debris Aerator working to eapacity Assisted by Rick, check attation at Spm and AV chik' dat 5 pm. Contact verizon, ticket number MANE38555. They said ok, but it was not. Came out of commfail at approx 8-45pm. Unknown what corrected the issue Comple PS A Pump 1 PM - Quarterly Grease and inspect pump and motor assistance from John Currier. Comple 2050 5/26/2016 PS A Pump 1 PM - Quarterly Grease and inspect pump and motor assistance from John Currier. Comple PS A Pump 2 PM - Quarterly Perform a p&m for pump and motor, greased the pump and motor greased the pump and grease greater gr	SA GHUDE	ee Acrator	1941	3/24/2010	cement,work at wetwell area	holes inside wetwell and trench backfilled trench, mounted	Complet
PS A Building 2854 81/2016 Door expanded due to heat. Door won't open Comple PS A GridBee Aerator Compressor 1944						compressor on shelf.	
PS A Bullding PS A GridBee Aerator Compressor 1944 4/8/2016 Connect new 110 volt powered aerator to electric panel. Compressor Compressor 1944 4/8/2016 Connect new 110 volt powered aerator to electric panel. Compressor Compressor PS A Modem 1592 2/16/2016 Station in commfail at 4:30pm. PS A Modem 1592 2/16/2016 Station in commfail at 4:30pm. PS A Pump 1 No Quarterly PS A Pump 1 No Quarterly 2591 2591 2591 3117/2016 PS A Pump 1 PM - Quarterly PS A Pump 2 PM - Qua	7.		2444	410010040	Inspection of wetwell for debris and grease with aerator	form and adversarial control of the second of the second of	C
PS A Building 2854 8/1/2016 Door expanded due to heat. Door won't open S A GridBee Aerator 1944 4/8/2016 Connect new 110 volt powered aerator to electric panel. Glenn Complex Compressor 1944 4/8/2016 Inspection of wetwell aerator and debris and aerator working to capacity and aerator working to aerator was not came and aerator working to aerator working to aerator was not came and aerator working to aerator was not came and aerator working to aerator was not came and aerato	V	/	2114	4/20/2016	installed	inspected wetwell very clean no debris or grease	Complet
PS A Griddee Aerator Compressor C	PS A Bu	ildina	2854	8/1/2016			Complet
Compressor 2108 4/14/2016 Inspection of wetwell aerator and debris PS A Modem 1592 2/10/2016 Station in commfail at 4:30pm. PS A Modem 1592 2/10/2016 Station in commfail at 4:30pm. PS A Pump 1 1406 2/29/2016 Exercise valves PS A Pump 1 1406 2/29/2016 PS A Pump 1 PM - Quarterly 2591 8/11/2016 PS A Pump 1 PM - Quarterly 2591 8/11/2016 PS A Pump 1 PM - Quarterly PS A Pump 2 1407 2/29/2016 PS A Pump 1 PM - Quarterly PS A Pump 2 1407 2/29/2016 PS A Pump 2 PM - Quarterly PS A Pump 2 1407 2/29/2016 PS A Pump 2 PM - Quarterly PS A Pump 2 1407 2/29/2016 PS A Pump 2 PM - Quarterly PS A Pump 2 1407 2/29/2016 PS A Pump 2 PM - Quarterly			100000000000000000000000000000000000000	CHOCK WINDOWS CO.		W40 mm	property i Constitution
PS A Modem 1592 2/10/2016 Station in commfail at 4:30pm. Assisted by Rick, check station at 5pm and AV chird at 6pm. Comple and valves 2801 97/2016 Exercise valves Comple 2950 5/26/2016 PS A Pump 1 PM - Quarterly Grease and inspect pump and motor assistance from John Currier. Comple 2591 8/11/2016 PS A Pump 1 PM - Quarterly Grease and inspect pump and motor assistance from John Currier. Comple 2591 8/11/2016 PS A Pump 1 PM - Quarterly Perform a p&m for pump and motor, greased the pump and motor Comple 2591 8/11/2016 PS A Pump 2 PM - Quarterly Perform a p&m for pump and motor, greased the pump and motor Comple 2592 8/11/2016 PS A Pump 2 PM - Quarterly Perform a p&m for pump and motor, greased the pump and motor Comple 2592 8/11/2016 PS A Pump 2 PM - Quarterly Perform a p&m for pump and motor, greased the pump and motor Comple 2592 8/11/2016 PS A Pump 2 PM - Quarterly Perform a p&m for pump and motor, greased the pump and motor Comple 2592 8/11/2016 PS A Pump 2 PM - Quarterly Perform a p&m for pump and motor, greased the pump and motor Comple 2592 8/11/2016 PS A Pump 2 PM - Quarterly Comple 2592 8/11			1944	4/8/2016	Connect new 110 volt powered aerator to electric panel.	Glenn	Complet
PS A Modem 1592 2/10/2018 Station in commfail at 4:30pm. Assisted by Rick, check station at 5pm and AV chik'd at 5pm. Comtact verizon, ticket number MANE38555. They said ok, but it was not. Came out of commfail at approx 8:45pm. Unknown what corrected the issue Comple PS A Pump 1 Mode 2/29/2016 PS A Pump 1 PM - Quarterly Grease and inspect pump and motor assistance from John Currier. Comple 2591 8/11/2016 PS A Pump 1 PM - Quarterly Grease and inspect pump and motor assistance from John Currier. Comple 2591 8/11/2016 PS A Pump 1 PM - Quarterly Grease and inspect pump and motor assistance from John Currier. Comple 2591 8/11/2016 PS A Pump 1 PM - Quarterly Perform a p&m for pump and motor, greased the pump and motor Comple 2591 8/11/2016 PS A Pump 2 PM - Quarterly Perform a p&m for pump and motor, greased the pump and motor Comple 2592 8/11/2016 PS A Pump 2 PM - Quarterly Grease A Pump 2 P	Compre					Opened manhole checked wetwell and serator no debris in webwall	
Assisted by Rick, check station at 5pm and AV chi'd at 5pm. Comple Station in commfail at 4:30pm. S A Piping and Valves 2801 97/2016 Exercise valves PS A Pump 1 1406 2/29/2016 PS A Pump 1 PM - Quarterly 2500 5/26/2016 PS A Pump 1 PM - Quarterly 2501 3150 11/7/2016 PS A Pump 1 PM - Quarterly 2501 3150 11/7/2016 PS A Pump 1 PM - Quarterly PS A Pump 2 PM - Quarterly PS A Pump 2 PM - Quarterly PS A Pump 2 PM - Quarterly 2051 5/26/2016 PS A Pump 2 PM - Quarterly Assisted by Jody st George and Rick Clark, we checked pump operations and found that float switch was stuck restricted by the power cord rerouted the cord. Pump operations and found that float switch was stuck restricted by the power cord rerouted the cord. Pump operations and found that float switch was stuck restricted by the power cord rerouted the cord. Pump operations and found that float switch was stuck restricted by the power cord rerouted the cord. Pump operations and found that float switch was stuck restricted by the power cord rerouted the cord. Pump operations and found that float switch was stuck restricted by the power cord rerouted the cord. Pump operations and found that float switch was stuck restricted by the power cord rerouted the cord. Pump operations and found that float switch was stuck restric	, ,	1	2108	4/14/2016	Inspection of wetwell aerator and debris		Complet
PS A Modem 1592 2/10/2016 Station in commfail at 4:30pm. Contact verizon, ticket number MANE38555. They said ok, but it was not. Came out of commfail at approx 8:45pm, Unknown what corrected the issue Completed the issue Corrected the issue Completed the C				ASSET STORY	74 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		
PS A Modem 1592 2/10/2016 Station in commitail at 4:3upm. was not. Came out of commfail at approx 8:45pm. Unknown what corrected the issue Comple PS A Pump 1			1				
S A Piping and Valves 2801 9/7/2016 Exercise valves Corrected the issue Corrected the Correc	PS A Mo	odem	1592	2/10/2016	Station in commfail at 4:30pm.		Complet
S A Piping and Valves 2801 9/7/2016 Exercise valves Comple PS A Pump 1 1406 2/29/2016 PS A Pump 1 PM - Quarterly Grease and inspect pump and motor assistance from John Currier. Comple 2050 5/26/2016 PS A Pump 1 PM - Quarterly Comple 2591 8/11/2016 PS A Pump 1 PM - Quarterly Comple PS A Pump 2 1 407 2/29/2016 PS A Pump 1 PM - Quarterly Perform a p&m for pump and motor, greased the pump and motor 2051 5/26/2016 PS A Pump 2 PM - Quarterly Perform a p&m for pump and motor, greased the pump and motor 2051 5/26/2016 PS A Pump 2 PM - Quarterly Perform a p&m for pump and motor, greased the pump and motor 2051 5/26/2016 PS A Pump 2 PM - Quarterly Perform a p&m for pump and motor, greased the pump and motor 2051 5/26/2016 PS A Pump 2 PM - Quarterly Comple 2052 8/11/2016 PS A Pump 2 PM - Quarterly Comple PS A Sump Pump 1290 3/11/2016 Back up sump pump not working corrosion requires replacement of the pump, Back up sump pump not working corrosion requires replacement of the pump, High dry well alarm , sump pump not operating, PS A Wet Well 1448 1/8/2016 Check wetwell for debris Operations and found that float switch was stuck restricted by the power cord rerouted the cord , Pump operating normally again. Comple Comple Lowered vacuum pipe removed debris from wetwell also pressure washed silo and ladder pumped wetwell down vacuumed wetwell down to bottom and removed all debris 1735 2/29/2016 Wetwell inspection Wetwell aeration blower 1875 3/8/2016 Inspection for accessibility for wetwell aeration blower 1906 3/3/2016 Cleaned wetwell of debris with windriver Vactored wetwell of debris with windriver Comple	00.000000000000000000000000000000000000	02007777501	1000000	um 1000002000000			1050 W0000000000000000000000000000000000
PS A Pump 1 1406 2/29/2016 PS A Pump 1 PM - Quarterly Grease and inspect pump and motor assistance from John Currier. Comple 2050 5/26/2016 PS A Pump 1 PM - Quarterly Comple 2591 8/11/2016 PS A Pump 1 PM - Quarterly Comple PS A Pump 2 PM - Quarterly Comple PS A Pump 2 PM - Quarterly Perform a p&m for pump and motor, greased the pump and motor Comple 2051 5/26/2016 PS A Pump 2 PM - Quarterly Perform a p&m for pump and motor, greased the pump and motor Comple 2592 8/11/2016 PS A Pump 2 PM - Quarterly Comple PS A	-					corrected the issue	
2050 5/26/2016 PS A Pump 1 PM - Quarterly Comple 2591 8/11/2016 PS A Pump 1 PM - Quarterly Comple 2591 8/11/2016 PS A Pump 1 PM - Quarterly Comple 2591 11/7/2016 PS A Pump 2 PM - Quarterly Perform a p&m for pump and motor, greased the pump and motor 2051 S/26/2016 PS A Pump 2 PM - Quarterly Perform a p&m for pump and motor, greased the pump and motor 2051 S/26/2016 PS A Pump 2 PM - Quarterly Comple 2052 8/11/2016 PS A Pump 2 PM - Quarterly Comple 2053 8/11/2016 PS A Pump 2 PM - Quarterly Comple 2054 Sump Pump 2055 Sump Pump 2056 Sump Pump 2056 Sump Pump 2057 Sump Pump 2058 Sump Pump 2	S A Piping a	and Valves	2801	9/7/2016	Exercise valves		Complet
2050 5/26/2016 PS A Pump 1 PM - Quarterly Comple 2591 8/11/2016 PS A Pump 1 PM - Quarterly Comple 2591 8/11/2016 PS A Pump 1 PM - Quarterly Comple 2591 11/7/2016 PS A Pump 2 PM - Quarterly Perform a p&m for pump and motor, greased the pump and motor 2051 S/26/2016 PS A Pump 2 PM - Quarterly Perform a p&m for pump and motor, greased the pump and motor 2051 S/26/2016 PS A Pump 2 PM - Quarterly Comple 2052 8/11/2016 PS A Pump 2 PM - Quarterly Comple 2053 8/11/2016 PS A Pump 2 PM - Quarterly Comple 2054 Sump Pump 2055 Sump Pump 2056 Sump Pump 2056 Sump Pump 2057 Sump Pump 2058 Sump Pump 2	De A Du	ımn 1	1406	2/29/2016	PS A Pump 1 PM - Quarterly	Grease and inspect nump and motor assistance from John Currier	Complet
2591 8/11/2016 PS A Pump 1 PM - Quarterly PS A Pump 2 1407 2/29/2016 PS A Pump 2 PM - Quarterly PS A Pump 2 PM - Quarterly 2051 5/26/2016 PS A Pump 2 PM - Quarterly 2051 5/26/2016 PS A Pump 2 PM - Quarterly 2592 8/11/2016 PS A Pump 2 PM - Quarterly 3151 11/7/2016 PS A Pump 2 PM - Quarterly PS A Sump Pump PS A Sump Pump 1290 3/1/2016 Back up sump pump not working corrosion requires replacement of the pump, Assisted by Jody st George and Rick Clark, we checked pump operations and found that float switch was stuck restricted by the power cord rerouted the cord . Pump operating normally again. PS A Wet Well 1448 1/8/2016 Check wetwell for debris 1486 1/21/2016 Windriver in to clean wetwell 1486 1/21/2016 Windriver in to clean wetwell 1486 1/21/2016 Wetwell inspection Wetwell aleration blower 1487 3/8/2016 Inspection for accessibility for wetwell aeration blower 1487 3/8/2016 Cleaned wetwell of debris with windriver Vactored wetwell of debris with windriver Comple	I S A PU		230004000	TENERO PERO PORTO	THE SECTION OF THE PROPERTY OF	and mayers pamp and motor desistance from comit Corner.	20000000
2591 8/11/2016 PS A Pump 1 PM - Quarterly PS A Pump 2 1407 2/29/2016 PS A Pump 2 PM - Quarterly PS A Pump 2 PM - Quarterly 2051 5/26/2016 PS A Pump 2 PM - Quarterly 2051 5/26/2016 PS A Pump 2 PM - Quarterly 2592 8/11/2016 PS A Pump 2 PM - Quarterly 3151 11/7/2016 PS A Pump 2 PM - Quarterly PS A Sump Pump PS A Sump Pump 1290 3/1/2016 Back up sump pump not working corrosion requires replacement of the pump, Assisted by Jody st George and Rick Clark, we checked pump operations and found that float switch was stuck restricted by the power cord rerouted the cord . Pump operating normally again. PS A Wet Well 1448 1/8/2016 Check wetwell for debris 1486 1/21/2016 Windriver in to clean wetwell 1486 1/21/2016 Windriver in to clean wetwell 1486 1/21/2016 Wetwell inspection Wetwell aleration blower 1487 3/8/2016 Inspection for accessibility for wetwell aeration blower 1487 3/8/2016 Cleaned wetwell of debris with windriver Vactored wetwell of debris with windriver Comple			2050	5/26/2016	PS A Pump 1 PM - Quarterly		Complet
PS A Pump 2 1407 2/29/2016 PS A Pump 2 PM - Quarterly Perform a p&m for pump and motor, greased the pump and motor Comple 2051 5/26/2016 PS A Pump 2 PM - Quarterly Comple 2592 8/11/2016 PS A Pump 2 PM - Quarterly Comple 3151 11/7/2016 PS A Pump 2 PM - Quarterly Comple PS A Sump Pump 1290 3/1/2016 PS A Pump 2 PM - Quarterly Comple PS A Sump Pump 1290 3/1/2016 Back up sump pump not working corrosion requires replacement of the pump, Assisted by Jody st George and Rick Clark, we checked pump operations and found that float switch was stuck restricted by the power cord rerouted the cord . Pump operating normally again. PS A Wet Well 1448 1/8/2016 Check wetwell for debris Comple Lowered vacuum pipe removed debris from wetwell also pressure washed silo and ladder pumped wetwell down vacuumed wetwell down to bottom and removed all debris Comple 1875 3/8/2016 Inspection for accessibility for wetwell aeration blower Comple Comple 1906 3/3/2016 Cleaned wetwell of debris with windriver Vactored wetwell of debris with windriver Comple Comple Vactored wetwell of debris with windriver Comple Comple Vactored wetwell of debris with windriver Comple Comple Vactored wetwell of debris with windriver Comple Vact		,			PS A Pump 1 PM - Quarterly		Complet
PS A Pump 2 1407 2/29/2016 PS A Pump 2 PM - Quarterly 2051 5/26/2016 PS A Pump 2 PM - Quarterly 3151 11/7/2016 PS A Pump 2 PM - Quarterly 3151 11/7/2016 PS A Pump 2 PM - Quarterly 3151 11/7/2016 PS A Pump 2 PM - Quarterly Back up sump pump not working corrosion requires replacement of the pump, 3547 12/7/2016 High dry well alarm ,sump pump not operating, PS A Wet Well 1448 1/8/2016 Check wetwell for debris 1/21/2016 Windriver in to clean wetwell 1486 1/21/2016 Windriver in to clean wetwell 1875 3/8/2016 Netwell inspection for accessibility for wetwell aeration blower 1906 3/3/2016 Cleaned wetwell of debris with windriver PS A Pump 2 PM - Quarterly Comple Co	· ·	/					Complet
2051 5/26/2016 PS A Pump 2 PM - Quarterly Comple 2592 8/11/2016 PS A Pump 2 PM - Quarterly Comple 2592 8/11/2016 PS A Pump 2 PM - Quarterly Comple 2593 3/1501 11/7/2016 PS A Pump 2 PM - Quarterly Comple 2594 Back up sump pump not working corrosion requires replacement of the pump, 2595 A Sump Pump 1290 3/1/2016 Back up sump pump not operating, PS A Sump Pump 1290 3/1/2016 Ps A Pump 2 PM - Quarterly Comple 2596 Back up sump pump not operating, Ps A Sump Pump operations and found that float switch was stuck restricted by the power cord rerouted the cord . Pump operating normally again. 2597 PS A Wet Well 1448 1/8/2016 Check wetwell for debris Dependent of the pump operation of debris Comple Lowered vacuum pipe removed debris from wetwell also pressure washed silo and ladder pumped wetwell down vacuumed wetwell down to bottom and removed all debris Comple 1875 3/8/2016 Inspection for accessibility for wetwell aeration blower Comple 1875 3/8/2016 Cleaned wetwell of debris with windriver Vactored wetwell of debris with windriver Comple 1906 3/3/2016 Cleaned wetwell of debris with windriver Vactored wetwell of debris with windriver Comple 1906 3/3/2016 Cleaned wetwell of debris with windriver Vactored wetwell of debris with windriver Comple 1906 3/3/2016 Cleaned wetwell of debris with windriver Comple 1906 3/3/2016 Cleaned wetwell of debris with windriver Comple 1906 3/3/2016 Cleaned wetwell of debris with windriver Comple 1906 3/3/2016 Cleaned wetwell of debris with windriver Vactored wetwell of debris with windriver Comple 1907 3/3/2016 Cleaned wetwell of debris with windriver Vactored wetwell of debris with windriver Comple 1907 3/3/2016 Cleaned wetwell of debris with windriver Vactored wetwell of debris with windriver Comple 1907 3/3/2016 Cleaned wetwell of debris with windriver Comple 1907 3/3/2016 Cleaned wetwell of debris with windriver Comple 1907 3/3/2016 Cleaned wetwell of debris with windriver Comple 1907 3/3/2016 Cleaned wetwell of debris with windriver Comple 1907 3/3/2016 Cleaned wetwell of debris with		080700000					
2592 8/11/2016 PS A Pump 2 PM - Quarterly 3151 11/7/2016 PS A Pump 2 PM - Quarterly Back up sump pump not working corrosion requires replacement of the pump, 3547 12/7/2016 High dry well alarm ,sump pump not operating, PS A Wet Well 1448 1/8/2016 Check wetwell for debris 1486 1/21/2016 Windriver in to clean wetwell 1486 1/21/2016 Windriver in to clean wetwell 1487 3/8/2016 Inspection for accessibility for wetwell aeration blower 1487 3/8/2016 Cleaned wetwell of debris with windriver 1488 3/8/2016 Cleaned wetwell of debris with windriver 1489 3/8/2016 Cleaned wetwell of debris with windriver 1480 3/8/2016 Cleaned wetwell of debris with windriver 1580 3/8/2016 Cleaned wetwell of debris wi	DS A DII	mp 2	1407	2/29/2016	PS A Pump 2 PM - Quarterly	Perform a pam for pump and motor, greased the pump and motor	Complet
2592 8/11/2016 PS A Pump 2 PM - Quarterly 3151 11/7/2016 PS A Pump 2 PM - Quarterly Back up sump pump not working corrosion requires replacement of the pump, 3547 12/7/2016 High dry well alarm ,sump pump not operating, PS A Wet Well 1448 1/8/2016 Check wetwell for debris 1486 1/21/2016 Windriver in to clean wetwell 1486 1/21/2016 Windriver in to clean wetwell 1487 3/8/2016 Inspection for accessibility for wetwell aeration blower 1487 3/8/2016 Cleaned wetwell of debris with windriver 1488 3/8/2016 Cleaned wetwell of debris with windriver 1489 3/8/2016 Cleaned wetwell of debris with windriver 1480 3/8/2016 Cleaned wetwell of debris with windriver 1580 3/8/2016 Cleaned wetwell of debris wi	LOWL		2054	5/26/2016	PS A Pumn 2 PM - Quarterly		Complet
PS A Sump Pump 1290 3/1/2016 Back up sump pump not working corrosion requires replacement of the pump, 3547 12/7/2016 High dry well alarm ,sump pump not operating, PS A Wet Well 1448 1/8/2016 Check wetwell for debris 1486 1/21/2016 Windriver in to clean wetwell washed silo and ladder pumped wetwell down vacuumed wetwell down to bottom and removed all debris 1735 2/29/2016 Wetwell inspection 1875 3/8/2016 Inspection for accessibility for wetwell aeration blower 1906 3/3/2016 Cleaned wetwell of debris with windriver 1000 Washed silo and ladder pumped wetwell of debris with windriver Vactored wetwell of debris with windriver Comple Vactored wetwell of debris with windriver Vactored wetwell of debris with windriver Vactored wetwell of debris with windriver Comple	TOATE						
PS A Sump Pump 1290 3/1/2016 Back up sump pump not working corrosion requires replacement of the pump, 3547 12/7/2016 High dry well alarm ,sump pump not operating, PS A Wet Well 1448 1/8/2016 Check wetwell for debris Opened manhole for inspection of debris Lowered vacuum pipe removed debris from wetwell also pressure washed silo and ladder pumped wetwell down vacuumed wetwell down to bottom and removed all debris 1735 2/29/2016 Wetwell inspection for accessibility for wetwell aeration blower 1906 3/3/2016 Cleaned wetwell of debris with windriver Vactored wetwell of debris with windriver Vactored wetwell of debris with windriver Vactored wetwell of debris with windriver Comple	FORFE						
PS A Sump Pump 1290 371/2016 replacement of the pump, 3547 1277/2016 High dry well alarm ,sump pump not operating, PS A Wet Well 1448 1/8/2016 Check wetwell for debris Dependent and found that float switch was stuck restricted by the power cord rerouted the cord . Pump operating normally again. PS A Wet Well 1448 1/8/2016 Check wetwell for debris Dependent and found that float switch was stuck restricted by the power cord rerouted the cord . Pump operating normally again. Dependent anhole for inspection of debris Comple Lowered vacuum pipe removed debris from wetwell also pressure washed silo and ladder pumped wetwell down vacuumed wetwell down to bottom and removed all debris 1735 2/29/2016 Wetwell inspection Wetwell aeration blower 1875 3/8/2016 Inspection for accessibility for wetwell aeration blower 1906 3/3/2016 Cleaned wetwell of debris with windriver Vactored wetwell of debris with windriver Comple	FOAT	1/	1 3131	11///2016			Complet
Teplacement of the pump, 3547 12/7/2016 High dry well alarm ,sump pump not operating, PS A Wet Well 1448 1/8/2016 Check wetwell for debris Opened manhole for inspection of debris Lowered vacuum pipe removed debris from wetwell also pressure washed silo and ladder pumped wetwell down vacuumed wetwell down to bottom and removed all debris 1735 2/29/2016 Wetwell inspection of vaccessibility for wetwell aeration blower 1906 3/3/2016 Cleaned wetwell of debris with windriver Vactored wetwell of debris with windriver Vactored wetwell of debris with windriver Vactored wetwell of debris with windriver Comple	FOAT	V				discharge line plugged with debris.	Complet
PS A Wet Well 1448 1/8/2016 Check wetwell for debris Comple 1486 1/21/2016 Windriver in to clean wetwell Windriver 1486 1/3/2016 Wetwell inspection 1486 1/21/2016 Wetwell inspection Wetwell inspection Wetwell inspection Wetwell inspection 1486 1/21/2016 Wetwell inspection Wetwell inspection Wetwell inspection 1487		p Pump		3/1/2016			100
PS A Wet Well 1448 1/8/2016 Check wetwell for debris 1486 1/21/2016 Windriver in to clean wetwell of Wetwell inspection 1486 1/29/2016 Wetwell inspection 1486 1/3/3016 Cleaned wetwell of debris with windriver Vactored wetwell of debris with windriver Comple 1486 3/3/2016 Cleaned wetwell of debris with windriver Vactored wetwell of debris with windriver Comple 1486 1/21/2016 Wetwell inspection wetwell also pressure washed silo and ladder pumped wetwell down vacuumed wetwell down vacuumed wetwell down to bottom and removed all debris with windriver Comple 1487 3/8/2016 Inspection for accessibility for wetwell aeration blower Vactored wetwell of debris with windriver Comple		p Pump		3/1/2016	replacement of the pump,		
power cord rerouted the cord . Pump operating normally again. PS A Wet Well 1448 1/8/2016 Check wetwell for debris Opened manhole for inspection of debris Comple Lowered vacuum pipe removed debris from wetwell also pressure washed silo and ladder pumped wetwell down vacuumed wetwell down to bottom and removed all debris 1735 2/29/2016 Wetwell inspection Wetwell half full of debris Comple 1875 3/8/2016 Inspection for accessibility for wetwell aeration blower 1906 3/3/2016 Cleaned wetwell of debris with windriver Vactored wetwell of debris with windriver Comple		p Pump		3/1/2016	replacement of the pump,	Assisted by Jody at George and Rick Clark, we checked numn	
PS A Wet Well 1448 1/8/2016 Check wetwell for debris Opened manhole for inspection of debris Comple Lowered vacuum pipe removed debris from wetwell also pressure washed silo and ladder pumped wetwell down vacuumed wetwell of down to bottom and removed all debris 1735 2/29/2016 Wetwell inspection Wetwell half full of debris Comple 1875 3/8/2016 Inspection for accessibility for wetwell aeration blower 1906 3/3/2016 Cleaned wetwell of debris with windriver Vactored wetwell of debris with windriver Comple		p Pump	1290				Complet
Lowered vacuum pipe removed debris from wetwell also pressure washed silo and ladder pumped wetwell down vacuumed wetwell of debris with windriver of the present of the pressure washed silo and ladder pumped wetwell down vacuumed wetwell of debris of the present of the present of the pressure washed silo and ladder pumped wetwell down vacuumed wetwell of the pressure washed silo and ladder pumped wetwell down vacuumed wetwell of the pressure washed silo and ladder pumped wetwell of the pressure washed washed washed washed silo and ladder pumped wetwell of the pressure washed washed		p Pump	1290			operations and found that float switch was stuck restricted by the	Complet
Lowered vacuum pipe removed debris from wetwell also pressure washed silo and ladder pumped wetwell down vacuumed wetwell of down to bottom and removed all debris 1735 2/29/2016 Wetwell inspection Wetwell inspection Wetwell half full of debris Comple 1875 3/8/2016 Inspection for accessibility for wetwell aeration blower 1906 3/3/2016 Cleaned wetwell of debris with windriver Vactored wetwell of debris with windriver Comple		p Pump	1290			operations and found that float switch was stuck restricted by the	Complet
1/21/2016 Windriver in to clean wetwell washed silo and ladder pumped wetwell down vacuumed wetwell down to bottom and removed all debris 1735 2/29/2016 Wetwell inspection Wetwell half full of debris Comple 1875 3/8/2016 Inspection for accessibility for wetwell aeration blower 1906 3/3/2016 Cleaned wetwell of debris with windriver Vactored wetwell of debris with windriver Comple	PS A Sum	V	1290 3547	12/7/2016	High dry well alarm ,sump pump not operating,	operations and found that float switch was stuck restricted by the power cord rerouted the cord . Pump operating normally again.	
1735 2/29/2016 Wetwell inspection Wetwell half full of debris Completed	PS A Sum	V	1290 3547	12/7/2016	High dry well alarm ,sump pump not operating,	operations and found that float switch was stuck restricted by the power cord rerouted the cord . Pump operating normally again. Opened manhole for inspection of debris	
1735 2/29/2016 Wetwell inspection Wetwell half full of debris Comple 1875 3/8/2016 Inspection for accessibility for wetwell aeration blower 1906 3/3/2016 Cleaned wetwell of debris with windriver Vactored wetwell of debris with windriver Comple	PS A Sum	V	1290 3547 1448	12/7/2016 1/8/2016	High dry well alarm ,sump pump not operating, Check wetwell for debris	operations and found that float switch was stuck restricted by the power cord rerouted the cord . Pump operating normally again. Opened manhole for inspection of debris Lowered vacuum pipe removed debris from wetwell also pressure	Complet
1875 3/8/2016 Inspection for accessibility for wetwell aeration blower Completed Page 1906 3/3/2016 Cleaned wetwell of debris with windriver Vactored wetwell of debris with windriver Completed Page 1906 1907 1907 1907 1907 1907 1907 1907 1907	PS A Sum	V	1290 3547 1448	12/7/2016 1/8/2016	High dry well alarm ,sump pump not operating, Check wetwell for debris	operations and found that float switch was stuck restricted by the power cord rerouted the cord . Pump operating normally again. Opened manhole for inspection of debris Lowered vacuum pipe removed debris from wetwell also pressure washed silo and ladder pumped wetwell down vacuumed wetwell	Complet
1906 3/3/2016 Cleaned wetwell of debris with windriver Vactored wetwell of debris with windriver Comple	PS A Sum	V	1290 3547 1448 1486	12/7/2016 1/8/2016 1/21/2016	High dry well alarm ,sump pump not operating, Check wetwell for debris Windriver in to clean wetwell	operations and found that float switch was stuck restricted by the power cord rerouted the cord . Pump operating normally again. Opened manhole for inspection of debris Lowered vacuum pipe removed debris from wetwell also pressure washed silo and ladder pumped wetwell down vacuumed wetwell down to bottom and removed all debris	Complet
1906 3/3/2016 Cleaned wetwell of debris with windriver Vactored wetwell of debris with windriver Comple	PS A Sum	V	1290 3547 1448 1486	12/7/2016 1/8/2016 1/21/2016	High dry well alarm ,sump pump not operating, Check wetwell for debris Windriver in to clean wetwell	operations and found that float switch was stuck restricted by the power cord rerouted the cord . Pump operating normally again. Opened manhole for inspection of debris Lowered vacuum pipe removed debris from wetwell also pressure washed silo and ladder pumped wetwell down vacuumed wetwell down to bottom and removed all debris	Complet
	PS A Sum	V	1290 3547 1448 1486 1735	12/7/2016 1/8/2016 1/21/2016 2/29/2016	High dry well alarm ,sump pump not operating, Check wetwell for debris Windriver in to clean wetwell Wetwell inspection	operations and found that float switch was stuck restricted by the power cord rerouted the cord . Pump operating normally again. Opened manhole for inspection of debris Lowered vacuum pipe removed debris from wetwell also pressure washed silo and ladder pumped wetwell down vacuumed wetwell down to bottom and removed all debris	Complet Complet
	PS A Sum	V	1290 3547 1448 1486 1735	12/7/2016 1/8/2016 1/21/2016 2/29/2016	High dry well alarm ,sump pump not operating, Check wetwell for debris Windriver in to clean wetwell Wetwell inspection	operations and found that float switch was stuck restricted by the power cord rerouted the cord . Pump operating normally again. Opened manhole for inspection of debris Lowered vacuum pipe removed debris from wetwell also pressure washed silo and ladder pumped wetwell down vacuumed wetwell down to bottom and removed all debris	Complet Complet
	PS A Sum	V	1290 3547 1448 1486 1735 1875	12/7/2016 1/8/2016 1/21/2016 2/29/2016 3/8/2016	High dry well alarm ,sump pump not operating, Check wetwell for debris Windriver in to clean wetwell Wetwell inspection Inspection for accessibility for wetwell aeration blower	operations and found that float switch was stuck restricted by the power cord rerouted the cord . Pump operating normally again. Opened manhole for inspection of debris Lowered vacuum pipe removed debris from wetwell also pressure washed silo and ladder pumped wetwell down vacuumed wetwell down to bottom and removed all debris Wetwell half full of debris	Complet

125	A Wetwell
-	,

	2125	4/27/2016	Trial run on shutting off station A for project at station 3 discharge force main at water st and nantasket ave we have a 2 hr window on this project before turning station back on	Turned off stations 1,A, and 3 watch wetwell levels and turn back on before any SSOs the there a 2hr window for this project station 1 was fine and never went in high level alarm	Completed
	2237	5/4/2016	Inspection of wetwell for debris	Opened wetwell for debris	Completed
	2287	5/16/2016	Inspection and record conditions	Non needed	Completed
1	2441	6/8/2016	Inspection of wetwell for debris	Opened wetwell for inspection of debris 0% debris	Completed
V/	2682	7/14/2016	Wetwell inspection	Wetwell Inspected, Little to no debris present,	Completed
•	3201	10/5/2016	Inspected Wetwell	Wetwell Inspected. Little to no debris present.	Completed
PS D - DPW Stormwater Pump	1503	1/28/2016	Finish cement work in effluent gallery	Finish cement work, install emergency quick connect pipe	Completed
	3267	10/28/2016	Monitor the pump at D street during high tidewater and heavy rain and wind, with the emergency pump ready to assist with the pump at D street!	Checked out the area where the streets flood during the high tidewater ,and heavy rain all went well with the pump keeping up with the rain that fell, we did not need to use emergency pump, but we were ready if needed.	Completed
PS D Building	1714	2/23/2016	Set trash pump do to oncoming weather	Hooked up pump to station	Completed
	3010	9/2/2016	Brought 4" trash pump to station D for possible heavy rain for the weekend	Assembled trash pump for weekend for possible heavy rain	Completed
	3613	12/29/2016	Set up 4" trash pump for extra support due to weather	Eric Joe arrived at location set up pump for the duration of the weather	Completed
PS D Modem	1708	2/22/2016	Pump station D in com fail	Called Verizon for a new ticket to work on station, they will be in touch	Completed
		2/23/2016	Pump station D in com fail	called verizon had them run test on station D which now wwpt can see the station from scada	Completed
PS D Wet Well	649	1/28/2016	Tide Gate Flapper hing damaged		Completed





Work Order Information

Date: 05/13/2016

Type:

Inspections

Status: Completed

Manhole ID: MH 20126

Priority:

Normal

Reason: Operational

Description of Issue

Description: Manhole Inspection

Notes:

Inspection of manhole interceptor for low and high flow

Actions Taken

Staff:

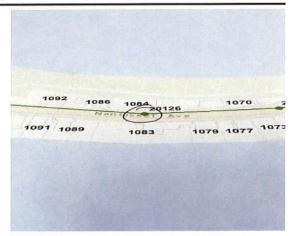
Eric Sutton

Service:

Opened manhole took pictures with GO PRO downloaded in file

Photos









Work Order Information

Date: 10/01/2016 Type:

Inspections

Status: Completed

Manhole ID: MH 20825

Priority:

Normal

Reason: Operational

Description of Issue

Description: Manhole Inspection

Notes:

Inspection of manhole do to a back-up call on 5 Eastern ave see D/O form sems back-up. Did speak to homeowner telling her the street was fine plumber Ray Sarno on site

Actions Taken

Staff:

Eric Sutton

Service:

230pm ES,RC opened manhole 20825, line flowing freely which ends up at station 4

Photos







Work Order Information

Date:

10/11/2016

Type:

Inspections

Status: Completed

Asset:

MH 20203

Priority: Normal

Reason: Operational

Description of Issue

Description: In Pipe Bacteria Unit Inspection

Notes:

Actions Taken

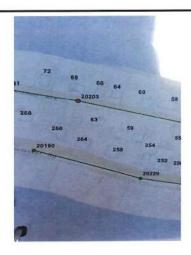
Staff:

Eric Sutton

Service:

Es Jc opened manhole replaced bacteria bottle number 18

Photos







Work Order Information

Date:

10/13/2016

Type:

Corrective Maintenance

Status: Completed

Asset:

PS 6 Pump 1

Priority:

Normal

Reason: Mechanical

Description of Issue

Description: Pump 1 is pumping slower than normal suspect that the pump is plugged with rags and debris,

Notes:

LOTO pump 1 and controls isolated the pump and remove the debris from the impeller

Actions Taken

Staff:

Joe Basler

Service:

LOTO the pump and remove all the rags and debris from impeller . Flows back to normal now.

Assistance by John Currier, Rick Clark

Photos



Shows the debris from the impeller removed,



Work Order - Grinder Pump Alarm

Hull Wastewater

Work Order Information

Date:

10/23/2016

Type:

Corrective Maintenance

Status: Completed

Asset:

Grinder Pump 37 ELM AVE

Priority: Normal

Reason: Operational

Serial # In Serial # Out Serial_In Serial_Out

Description of Issue

Description: Grinder Pump went into alarm.

Caller Name Christine Sullivan

Phone # 781 925 8877

Notes:

Actions Taken

Staff:

John Currier

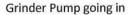
Service:

LOTO Performed. Drained grinder pump pit into tote. Replaced malfunctioning Grinder Pump with

Repaired Grinder Pump.

Photos







Grinder Pump coming out





Work Order Information

Date:

10/27/2016

Type:

Inspections

Status: Completed

Asset:

Dig Safe Requests

Normal Priority:

Reason: Client Support

Dig Safe Information

Description: 20164306311 38 Channel Street. Sewer Markout

Pre Marked?

Yes

Tie Cards Available?

Yes

Requested By

Aquarion Water

Actions Taken

Staff:

John Currier

Labor Hours

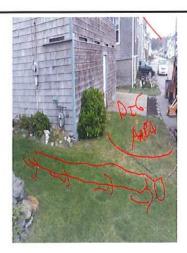
0.15

Service:

Marked Dig Safe

Photos







Work Order - Backup or Blockage Call

Hull Wastewater

Work Order Information

Date: 10/28/2016

Type: Corrective Maintenance

Status: Completed

Asset 22 - WW -

Priority:

Reason: Service Call

sewers/pipes/force mains

Description of Issue

Normal

Description: 25 Summit Ave.

Notes:

Request by home owner, John King. Slow flow from house.

Actions Taken

Staff:

Aram Varjarbedian

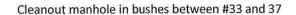
Service:

Inspect manholes 20982, 20985 and sure manhole/cleanout in bushes in between #33 and #37. No issues and flowing ok. house no 25, 29,33,37,37A all flow into a lie behind these houses. Clear

and flowing. No other cleanout outside. Report back to homeowner.

Photos







Cleanout manhole in bushes.



APPENDIX C: COMPLETED CMOM AND I/I PROJECTS EXPENDITURES

FY 2016 CMOM Expenditures

Contractor (Department)	Invoice Date	Category	Description of Work	Amount	Work Performed via
Hub Construction (Town)	3/7/2016	Emergency	Emergency service connection repair to 5 Main Street (Lateral service on Vautrinot Avenue)	\$ 4,657	00 TOWN
Hub Construction (Town)	3/7/2016	Emergency	Emergency service connection repair at 34 Porazzo Road	\$ 3,540	00 TOWN
Hub Construction (Town)	3/7/2016	Corrective	Rebuilt sewer chimney and reset frame at 4-6 Gunrock Avenue. Replaced broken frame at Gunrock Avenue and Atlantic Avenue.	\$ 3,245	00 TOWN
Hub Construction (Town)	3/16/2016	Emergency	Emergency service connection repair at 4 South Street (replaced shallow culvert with PVC)	\$ 1,810	00 TOWN
Hub Construction (Town)	4/20/2016	Corrective	Replacement of sewer manholes at corner of Moreland Avenue and Bay Street, Marginal Road and 10 Moreland Ave. Involved resetting frames and covers, and repaving after manhole replacement. Also rebuilt sewer manholes at Pump Station #3 and 157 Nanatasket Avenue.	\$ 5,975	00 TOWN
Hub Construction (Town)	6/8/2016	Corrective	Replacement of broken frames and covers (with reset chimneys as needed) along Fairmont Way, Bay Street, Gun Rock Avenue and Damon Park Road.	\$ 7,110	00 TOWN
Hub Construction (Town)	6/10/2016	Corrective	Replaced frames and covers (and reset chimneys as necessary) along corner of Prospect and Newport Avenues, Touraine and Newport Avenues and 337 Newport Avenue	\$ 2,865	00 TOWN
Kleinfelder (Town)	6/26/2016	Corrective	On-Call Sewer Systems Assistance Contract - FY16	\$ 4,000	00 TOWN
			MISSING July to Dec. 2016 Town expenses - sheet to be updated		
Contract Operator (W&C)	Calendar Year 2016	Corective	Grinder Pumps	\$ 20,842	54 W&C
Contract Operator (W&C)	Calendar Year 2016	Preventative and Corrective	Pump Station Repairs	\$ 36,687	38 W&C
Contract Operator (W&C)	Calendar Year 2016	Preventative and Corrective	Sewer line maintenance	\$ 25,346	35 W&C
			Town	\$ 46,907	
			Woodard & Curran - subcontractors, materials and repairs - not including W&C labor	\$ 82,876	
			TOTAL	\$ 129,783	27



APPENDIX D: UNAUTHORIZED DISCHARGE SUMMARY

Date	2/19/16	3/15/16	3/29/16	4/14/16	5/14/16	6/7/16
Type of Asset	Home	Pump Station	Home	WWTF	Business	Home
Address	25 Main Street	Pump Station #3 (13 Rockland Circle)	28 Winthrop Avenue	WWTF (1111 Nantasket Avenue)	514 Nantasket Ave	35 Elm Avenue
Cause of Disphages	property litle/no pitch causing rags to accumulate in line.	open); Suspect failure of packing/packing gland. Subcontractor able to stop leak by	lateral discharges into manhole,	Operator Error - 12-inch pipe had not drained after use with the auxillary pumping system, and remaining sewage overflowed after pumping.	blockage on private property which affected multiple tennants. Sewage backed from a basement grease interceptor, and sump pump in basement pumped out liquid to the outside driveway	Staff responded to a home experienceing sewer back-up to find that a privately-owned grinder pump had malfunctioned and caused spillage into homeowners basement. The Board of Health and pump truck was dispatched to pump out chamber and was repaired on 6/8/16 by Rosano Davis.
If caused by blockage, what was blockage	Rags/Debris	N/A	Service connection blocked	N/A	Grease	N/A
If mechanical, when was the last inspection/failure date	N/A	3/30/2014	N/A	N/A	N/A	Unknown
Begin Time/Date	2/19/2016 9:15	3/15/2016 10:15	3/29/2016	4/14/2016 8:30	5/14/2016 14:30	6/7/2016 11:56
Stop Time/Date	2/19/2016 11:15	3/15/2016 10:16	3/29/2016	4/14/2016 8:32	5/14/2016 15:00	6/7/2016 13:30
Notification Source	Email	Email	Email	Call then Email	Phone Message	Email
Estimated release volume (gallons)	~5-10	~2-8	25-50	~50-75	20-30	Unknown
Method Used to Estimate Volume	Visual	Visual	Visual	Visual	Visual	N/A
Corrective action completed	dug up and repaired by Hub Construction	Lime applied to area around gate box; Gate box itself was vacuumed	Manhole obstruction initially worked on by plant staff, then had Rosano-Davis Pumping pump out/clean the manhole.	Lime applied to grassy area adjacent to spill	Sewer Dept checked sewer mains, and they were clear. Blockage was in private sewer line on property. Building owner contacted drain company to clear the line.	Advised owner to apply Lime; Rosano Davis pumped out sewage on 6/7 and returned on 6/8 to complete repairs to grinder pump.
Impact area Cleaned/disinfected?	NO	YES	YES	YES	Unknown	Unknown
Release to Town MS4?	NO	NO	NO	NO	YES	NO
Release to surface water	NO	NO	NO	NO	Unknown	NO

Date	7/26/16	12/19/16	12/30/16
Type of Asset	WWTF	Street	Business
Address	WWTF (1111 Nantasket Avenue)	205 Atlantic Avenue	26 Western Avenue
Cause of Discharge	box. As soon as the overflow was discovered, the pumps were put into hand operation mode, and lime was applied to the base of the surcharged distribution box. The SOP procedure for exercising influent pumps was reviewed by the team.	Hull Assistant Building Inspector, Bart Kelley, notified Hull WPCF of overflowing sewer manhole near 205 Atlantic Avenue. Upon arrival, the crew contacted Rosano-Davis septic company to pump the surcharged sewer line. The road surface was vacuumed and adjacent areas were cleaned and lime was applied. After the line was drained, and peak flow subsided, the main sewer line was jetted and 5 manholes were inspected.	On December 30, Hull WPCF staff responded to a sewer back-up at 26 Western Avenue. Upon arrival, it was determined that sewage was backing up into a detached garage. After further investigation, the upstream manhole was found to be surcharged and the downstream manhole was found to be flowing freely. On January 5, 2017, HUB Construction and Rasano Davis returned to unplug blockage in sewer pipe, and install cleanout port for improved maintenance outlet.
If caused by blockage, what was blockage	N/A	FOG	Debris/FOG in sewer main line
If mechanical, when was the last inspection/failure date	5/25/2013	N/A	N/A
Begin Time/Date	7/26/2016 10:00	12/19/2016 9:52	12/30/16 12:30pm
Stop Time/Date	7/26/2016 10:02	12/19/2016 10:15	12/30/2016 12:30pm
Notification Source	Email	Email	Email
Estimated release volume (gallons)	<20	250	360
Method Used to Estimate Volume	Visual	Visual/Rate of approximate flow and time	Visual & Calculated
Corrective action completed	Yes - area was cleaned and standard operator procedures were reviewed	Yes - 5 MH's and 700 feet of sewer pipe were cleaned as well as clearing blockage	Sewer blockage was cleared and a cleanout port was installed.
Impact area Cleaned/disinfected?	YES	YES	YES
Release to Town MS4?	NO	YES	NO
Release to surface water	NO	YES; Straits Pond	NO



woodardcurran.com commitment & integrity drive results